ANNUAL

1965

ANNUAL 1965

SUMMARY

(All Figures are in Inches)

AVERAGE PRECIPITATION

Above Chattanooga (51.11)* 45.26 Below Chattanooga (52.10)* 45.75 Entire Basin (51.58)* 45.48

MOST RAIN

Haywood Gap, N. C. 96.91

LEAST RAIN

Stone Mountain, Tenn. 27.59

HIGHEST 24-HOUR RAIN

Haywood Gap, N. C. 11.52

NATURAL STREAMFLOW

Above Knoxville 17.51 Above Chattanooga 19.97

*Mean for 75-Year Period 1890-1964

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TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING
HYDRAULIC DATA BRANCH

PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1965

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TENNESSEE VALLEY AUTHORITY

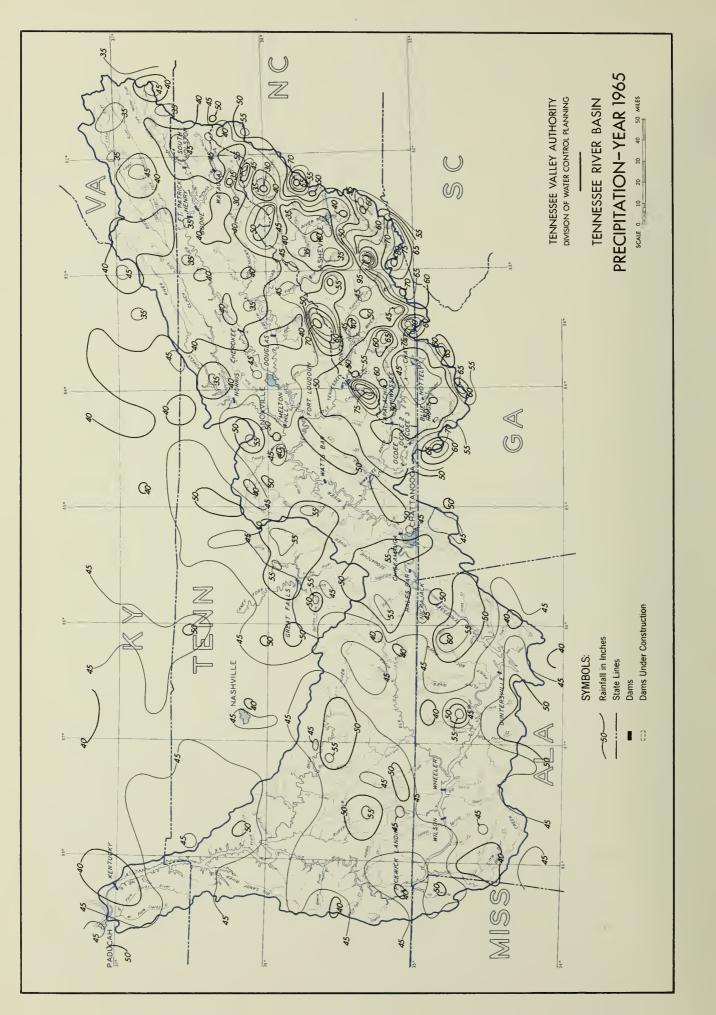
DIVISION OF WATER CONTROL PLANNING
HYDRAULIC DATA BRANCH

ANNUAL 1965

PRECIPITATION IN TENNESSEE RIVER BASIN

REPORT NO. 0-243





PRECIPITATION IN TENNESSEE RIVER BASIN

ANNUAL 1965

Precipitation

The year 1965 ranks as the eleventh driest year in the Tennessee Valley in 76 years of record. Precipitation over the Basin during the year averaged 45.48 inches, 6.10 inches less than the 75-year (1890-1964) mean. A comparison of the amounts above and below Chattanooga listed in the summary on the cover of this report shows almost equal averages between these two areas and the entire Basin. The frontispiece map shows the 1965 annual distribution of precipitation over the Basin. The tables on pages 17 to 25 show monthly and annual precipitation data for stations in the Tennessee River Basin, together with some stations bordering the Basin.

Monthly precipitation in the Basin was below the 75-year mean during nine months in 1965, with March, June, and September amounts exceeding the mean. The wettest month was March. An unusual phenomenon during the year was the dryness of December. The average December rainfall on the Basin was only 0.91 inch, about one-fifth of the long-term average, and the lowest December total in 76 years of record. The table on page 5 shows monthly and annual precipitation data with means and deviations for the Basin.

The station at Haywood Gap, North Carolina, located on the divide between the French Broad and Pigeon Rivers received the maximum monthly and annual precipitation during 1965. The maximum monthly precipitation at this station was 17.52 inches in October. This station also recorded 15.28 inches in September 1965. The September and October amounts accounted for over one-third of the 1965 precipitation at Haywood Gap. Other high monthly totals were 15.47 inches in March at Widows Creek Steam Plant, Alabama, and 12.76 inches in July at Madison, Alabama. The maximum station total for 1965 was 96.91 inches at Haywood Gap. The 30-year (1935-1964) mean at this station is 74.30 inches. This station recorded 133.30 inches in 1957, the greatest-known calendar year total in the Tennessee River Basin.

The minimum monthly station precipitation was 0.02 inch in December at Well Spring, Tennessee, located about 16 miles northeast of Norris Dam. Other low monthly totals were 0.20 inch in May at Toney, Alabama, and 0.12 inch in August at Buchanan, Tennessee. The lowest total 1965 precipitation in the Basin was 27.59 inches at Stone Mountain, Tennessee, about 10 miles south of Elizabethton in the Watauga River Basin. This amount is 20.68 inches less than the 30-year mean of 48.27 inches. The ten highest and lowest amounts for 1965 in the Tennessee River Basin, in addition to two stations located just outside the Basin, are listed in the following table:

1965 Annual Precipitation

At Ten Wettest and Ten Driest Stations

in the

Tennessee River Basin

Highest Amounts	
	1965 Annual
Station	Precipitation
	inches
Haywood Gap, N. C.	96.91
Sassafras Mountain, S. C.	77.94
Coweeta No. 31, N. C.	77.64
Haw Knob, Tenn.	75.20
Rosman No. 2, N. C.	73.51
Flat Top, Ga.	73.08
North Citico Cr. No. 3, Tenn.	72.93
Haw Knob, Tenn. (Radio)	72.2
Little Santeetlah Cr. No. 3, N. C.	71.67
Mt. Mitchell, N. C.	71.38
Lake Toxaway, N. C.	80.25) Outside
Caesars Head, S. C.	77.26) Basin
Lowest Amounts	
Stone Mountain, Tenn.	27.59
Daybook, N. C.	29.98
Canton, N. C.	31.12
Enka, N. C.	31.80
Konnarock, Va. (Radio)	32.3
Chambers Mountain, N. C.	32.39
Parker Branch, N. C.	32.41
Spring Creek, Va.	32.62
Weaverville, N. C.	32.89
Asheville, N. C.	33.49

Precipitation statistics for selected stations throughout the Basin are shown on pages 5 to 8.

The greatest station precipitation in a 24-hour period during the year was 11.52 inches which fell during the storm of September 30-October 1 at Haywood Gap, North Carolina. This station also reported the second highest 24-hour amount, 6.78 inches on September 23-24. The table on page 8 shows the stations with the 10 highest rainfall intensities during the year.

Over the watershed subdivisions the maximum annual average for 1965 was 67.0 inches over the French Broad River watershed above Blantyre, North

Carolina, 6.5 inches less than the 30-year mean of 73.5 inches. The minimum annual average was 39.1 inches over the Holston River watershed from Kingsport to Cherokee Dam, 5.8 inches less than the 30-year mean of 44.9 inches. The 1965 precipitation totals for the individual watershed subdivisions are shown on the map on page 9 and for selected watersheds in the table on page 10.

Precipitation for the year on 14 selected watersheds is shown on page 11. Other tabulations and charts on pages 12 and 13 show selected data on precipitation and runoff.

Snow

Snowfall was reported in the Basin during the first four and last three months of 1965, with practically all of the measurable amounts occurring during the first three months of the year. The average snowfall over the Basin during one year was 12.2 inches: 35 percent in January, 39 percent in February, 24 percent in March, and 2 percent in December. East of Chattanooga the average snowfall was 17.4 inches; west of Chattanooga it amounted to 6.2 inches. The maximum for the Basin, 53.7 inches, occurred at Cataloochee Ranch, North Carolina, in the Pigeon River watershed. In the western section of the Basin the maximum snowfall was 20.1 inches at Murray, Kentucky. In the Caney Fork area above Great Falls Dam the average snowfall for the year was 9.8 inches, with a maximum of 15.5 inches at Monterey, Tennessee.

Streamflow

Streamflow in the Basin was below normal for ten months in 1965, with only March and April runoff above the mean. Flows from the watersheds above Chattanooga and Knoxville are shown on the cover and in the following table:

ANNUAL NATURAL STREAMFLOW IN INCHES - 1965

	Water	r Year	_Calendar Year	
Tennessee River at	1965	Mean	1965	Mean
Knoxville	21.43	19.51	17.51	19.48
Chattanooga	23.81	23.61	19.97	23.60

Other tabulations and charts on pages 11, 12, and 13 show selected runoff data.

Evaporation

Data observed at the six TVA evaporation stations are shown in the table on page 14.

Drought

The year 1965 was the driest year in the Basin since 1952 and the eleventh driest in 76 years of record. Drought conditions occurred in the Basin in April, May, and July through December. Rainfall in December was the lowest for that month in the Basin in 76 years of record.

Monthly Reports

Monthly issues of the bulletin "Precipitation in Tennessee River Basin" contain tabulations of daily precipitation at stations located in or near the Basin, together with isohyetal maps of monthly precipitation, maps showing mean monthly precipitation on watershed subdivisions, description of storms, tabulations of rainfall and runoff on selected watersheds, intense rainfall data, and other information.

Special Reports

Reports on special storm investigations were published in monthly issues of this publication during 1965. These reports and the date of the issue in which they appear are as follows:

	Monthly Bulletin Containing Report
Tornado and Windstorm of March 17, 1965	March
Windstorms of March 25 and 29, 1965	March
Floods of Late March 1965 in Tennessee River Basin	March
Sparta, Crossville, Kingston, and Knoxville Tornado and Windstorm	April
Tornado and Windstorm near Cleveland, Tennessee	April
Tornado and Windstorm on Sand Mountain, Alabama	April
Intense Rainstorm of July 24, 1965, at New Market- Friends Station, Tennessee	July
Intense Storm of July 23-24, 1965, in Vicinity of Middlesboro, Kentucky	July
Storm and Flood of July 24, 1965, in Vicinity of Clinchmore, Tennessee	July

TENNESSEE RIVER BASIN PRECIPITATION DURING 1965

Precipitation in Inches

	Above	Below	Tennessee River Basin			
	Chattanooga	Chattanooga		75-Yr		n from Mean
Month	1965	1965	1965	Mean	<u>Monthly</u>	Cumulative
January	3.83	3.67	3.76	4.88	-1.12	-1.12
February	3.76	5.52	4.58	4.84	-0.26	-1. 38
March	8.17	8.88	8.50	5.61	+2.89	+1.51
April	4.25	4.21	4.23	4.48	-0.25	+1.26
May	3.73	2.85	3.32	4.08	-0.76	+0.50
June	3.88	4.67	4.25	4.24	+0.01	+0.51
o ano	0.00	1.01	1.20	11	, 0 , 0 1	, 0 , 0 2
July	5.09	4.57	4.85	4.91	-0.06	+0.45
August	3.52	2.73	3.15	4.17	-1.02	-0.57
September	3.39	3.39	3.39	3.20	+0.19	-0.38
Septemoer	0.00	0.00	0.00	0.2	10020	0,00
October	2.61	1.68	2.17	2.84	-0.67	-1.05
November	2.49	2.24	2.37	3.57	-1.20	-2.25
December	0.54	1.34	0.91	4.76	-3.85	-6.10
Becomber	0.01	1.01	0.01	1.10	0.00	0.10
Total	45.26	45.75	45.48	51.58		

Mean precipitation figures are for the period 1890-1964.

PRECIPITATION STATISTICS FOR SELECTED STATIONS

Precipitation in Inches

Month	Long- Term <u>Mean</u>	Maxin of Rec <u>Amount</u>		Minim of Rec <u>Amount</u>		<u>Year</u> 1965
	ELIZA	ABETHTON,	TENNESSI	EE (74 Years)	}	
January February March April May June July August September October	3.45 3.42 4.25 3.36 4.00 4.67 5.11 4.32 2.87 2.53	8.13 7.59 10.72 6.05 7.73 16.38 10.56 12.14 7.61	1947 1944 1899 1912 1915 1872 1896 1901 1928 1918	0.46 0.48 1.37 0.65 1.08 1.33 1.10 0.89 0.30 0.02	1896 1906 1937 1942 1941 1946 1872 1896 1903	2.74 2.26 5.38 5.34 3.76 5.20 4.65 2.56 2.75 2.02
November December Annual	2.41 3.31 43.70	5.02 9.87 58.91	1948 1872 1928	$0.61 \\ 0.30 \\ 29.06$	1931 1965 1941	1.63 0.30 38.59

PRECIPITATION STATISTICS FOR SELECTED STATIONS -- Continued

Precipitation in Inches

	Long-	Maxin		Minim		
	Term	of Rec		of Rec		
Month	Mean	Amount	<u>Year</u>	Amount	<u>Year</u>	Year
	7.41177	DIIII MODELL	I GADOTIN	A (01 37)		1965
	MURI	PHY, NORTH	CAROLIN	A (91 Years)		
January	5.58	14.85	1882	1.75	1907	4.25
February	5.71	15.10	1873	0.56	1906	5.66
March	6.34	15.34	1917	2.09	1918	9.13
April	4.83	15.40	1874	0.30	1915	4.45
May	4.00	11.25	1929	0.46	1941	5.28
June	4.93	9.31	1884	0.94	1964	3.93
July	5.64	13.42	1950	0.89	1957	4.33
August	4.91	13.96	1920	0.95	1953	1.96
September	3.32	8.04	1962	0.20	1876	4.22
October	3.05	9.27	1949	0.00	1963	2.79
November	3.80	13.18	1948	0.51	1924	3.14
December	5.18	12.98	1932	0.48	1965	0.48
Annual	57.29	84.80	1875	40.00	1940	49.62
	СНАТ	TTANOOGA.	TENNESSE	EE (87 Years)		
				(5: 25:2)		
January	5.26	14.74	1882	1.13	1961	3.51
February	5.07	12.30	1939	0.62	1941	4.46
March	5.99	14.05	1899	0.93	1910	9.43
April	4.71	15.29	1911	0.44	1942	2.87
May	3.82	12.00	1929	0.54	1941	1.65
June	4.09	9.40	1949	0.29	1931	4.92
July	4.63	13.49	1916	0.20	1957	3.13
August	3.76	12.36	1920	0.45	1929	3.55
September	3.12	12.19	1957	0.04	1919	4.47
October	2.93	11.91	1925	0.08	1938	1.03
November	3.65	13.59	1948	0.16	1890	4.48
December	5.06	13.68	1961	0.44	1889	0.86
Annual	52.09	72.37	1929	32.68	1904	44.36
	LEV	WISBURG, T	ENNESSEE	(72 Years)		
				7		
January	5.23	17.05	1950	1.26	1943	3.19
February	5.20	13.14	1939	1.08	1941	3.50
March	5.98	12.50	1902	0.94	1910	8.34
April	4.59	12.60	1912	0.56	1915	7.98
May	3.99	8.50	1933	0.60	1941	3.46
June	4.03	13.46	1900	0.72	1899	7.31
July	4.46	9.85	1941	0.84	1954	6.22
August	3.93	11.40	1923	0.57	1909	1.44
September	3.17	12.41	1957	0.32	1927	4.04
October	2.86	8.88	1919	T	1963	2.02
November	3.82	10.27	1948	0.46	1953	3.21
December	4.74	11.71	1922	0.77	1958	0.91
Annual	52.00	66.62	1950	37.42	1904	51.62

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

	Long- Term	Maxim of Rec		Minimu of Reco		
Month	Mean	Amount	Year	Amount	Year	$\frac{\text{Year}}{1965}$
	MUSC	LE SHOALS,	ALABAM	A* (82 Years)		1903
January	5.12	13.09	1950	1.20	1961	2.76
February	5.08	13.64	1948	0.54	1941	4.92
March	5.88	16.15	1897	1.26	1910	8.47
April	4.59	16.07	1892	0.74	1930	5.30
May	3.84	11.29	1939	0.16	1941	2.43
June	4.05	13.87	1900	0.60	1897	4.29
July	4.45	14.60	1916	0.77	1935	4.06
August	3.69	10.60	1894	0.35	1948	4.29
September	2.96	7.87	1890	0.00	1897	3.54
October	2.59	11.05	1918	0.00+	1924	0.39
November	3.50	11.39	1948	0.16	1949	1.09
December	4.85	14.59	1926	0.83	1958	1.26
Annual	50.60	76.21	1932	30.92	1943	42.80

^{*}Before December 1940 this station was at Florence, Alabama.

JOHNSONVILLE, TENNESSEE * (82 Years)

January	5.41	23.51	1937	0.44	1963	3.83
,	4.37	9.56	1939	0.79	1947	6,94
February						
March	5.32	13.07	1927	0.59	1910	6.87
April	4.61	12.29	1892	0.53	1887	3.54
May	4.23	10.19	1909	0.48	1951	3.47
June	4.03	13.34	1928	0.37	1930	2.96
July	4.08	10.12	1892	0.06	1890	4.56
August	3.73	13.70	1914	0.34	1948	0.75
September	3.42	11.31	1921	0.00	1897	3.55
October	2.74	11.44	1919	0.00	1963	0.62
November	4.10	11.90	1906	0.74	1949	2.51
December	4.52	14.66	1926	0.05	1889	1.40
Annual	50.56	76.17	1950	32.48	1960	41.00

^{*}Since August 1949 records collected at Johnsonville Steam Plant have been used.

HENDERSONVILLE, NORTH CAROLINA (69 Years)

-	4 00	40.40	4000	0.00	100=	0.00
January	4.66	12.40	1906	0.39	1907	3.26
February	4.68	10.73	1891	0.54	1930	5.96
March	5.48	11.67*	1891	0.96	1930	5.22
April	4.42	9.38	1920	0.43	1915	5.59
May	4.35	12.70	1942	0.95	1914	4.29
June	5.19	11.56	1934	0.96	1911	5.94
July	6.11	22.09	1916	1.72	1957	6.90
August	6.07	26.58	1901	0.49	1925	7.25
September	4.43	14.00	1906	0.22	1919	2.55
October	4.12	14.59	1918	0.01	1904	4.58
November	3.37	12.54	1948	0.21	1910	1.56
December	5.02	12.85	1918	0.23	1965	0.23
Annual	57.90	92.60	1901	32.55	1925	53.33
1. 4. 9						

^{*}Also maximum for March 1952.

⁺Also minimum for 1963.

PRECIPITATION STATISTICS FOR SELECTED STATIONS--Continued

Precipitation in Inches

	Long- Term	Maxim of Rec		Minim of Rec		
Month	Mean	Amount	<u>Year</u>	Amount	<u>Year</u>	<u>Year</u> 1965
	KNO	OXVILLE, TH	ENNESSEE	(95 Years)		1900
January	4.68	16.98	1882	1.29	1907	4.74
February	4.74	12.52	1873	0.56	1898	3.36
March	5.19	13.35	1917	0.72	1910	9.48
April	4.22	17.32	1874	0.70	1942	4.05
May	3.74	8.81	1938	0.71	1941	3.64
June	4.11	11.83	1928	1.39	1936	3.01
July	4.56	13.16	1917	0.69	1901	4.18
August	3.80	11.33	1920	1.10	1953	2.55
September	2.82	10.78	1944	0.18	1961	3.24
October	2.54	9.51	1925	0.00	1963	1.71
November	3.36	11.69	1948	0.17	1890	2.18
December	4.31	12.34	1901	0.47	1965	0.47
Annual	48.07	73.87	1875	33.67	1930	42.61

TEN HIGHEST RAINFALL INTENSITIES DURING 1965

IN TENNESSEE RIVER BASIN

Intense Rainfall is 1 Inch Per Hour or 3 Inches in 24 Hours

Station Number	Station Name	<u>Date</u>	Precipi Amount I	Duration
190	Haywood Gap, N. C. (R)	Sept. 30-Oct. 1	11.52	24.0
190	Haywood Gap, N. C. (R)	Sept. 23-24	6.78	23.0
169	Clinton TVA Nursery, Tenn.	July 7	5.65**	3.0
28	Beech Grove, Tenn.	June 15	5.40	13.5
179	Haw Knob, Tenn. (R)	Mar. 25-26	4.98	24.0
173	Kittie, Tenn.	Mar. 25-26	4.98	*
22	Ashwood, Tenn.	Apr. 25-26	4.91	*
228	Coxcomb Mountain, N. C. (R)	May 8-9	4.43	15.5
17A	Johnsonville Steam Plant, Tenn. (R)	Feb. 10-11	4.41	21.0
233A	Mt. Mitchell, N. C. (R)	Aug. 20-21	4.01	24.0

(R) Recorder

^{*}Occurred in 24 hours or less, exact duration unknown.

^{**}Greatest intensity for time interval.

7

AVERAGE PRECIPITATION ON WATERSHED SUBDIVISIONS

1965 MONTHLY AND ANNUAL

						4	verage Pr	Average Precipitation - Inches	on - Inch	89				i	
Subdivision		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	0ct.	Nov.	Dec.	Annual	
Entire Tenneesee River Baein	1965 Average 30-Ir Average	3.76	4.58 5.26	8.50	9 1. 4	3.32	3.96	4.85	3.15	3.39	2.17	3.97	0.0 2.4	45.48	
Area Above Chattanooga	1965 Average 30-Yr Average	3.83	3.76	8.17	4.25	3.73	3.88	5.09	3.52 4.27	3.39	2.61	2.49 3.68	4.34	45.26 51.24	
Area Below Chattanooga	1965 Average 30-Yr Average	3.67	5.52	8.88 5.96	12.4 1.7.4	2.85 3.84	4.67	4.57	3.48	3.39	1.68	2.2 4.30	3.34	45.75 52.35	
French Broad Abowe Newport	1965 Average 30-Yr Average	2.83	24.4	6.98	4.25	4.42	4.15 4.49	5.01	4.10 5.26	3.88	3.31	3.44	0.32	16.64	
French Broad Above Douglas Dam	1965 Average 30-Ir Average	3.15	3.74	7.11	4.37 3.97	3.93	3.76	4.89	3.77	3.47	3.62	2.05	0.36	44.20 19.58	
Holeton Above Cherokee Dam	1965 Average 30-Yr Average	3.44 44.6	2.87	40.9	4.58 3.45	3.42	3.55	5.47 5.14	3.37	2.56	2.53	3.05	3.43	09° 111	
Holeton and French Broad Above Knoxville	1965 Average 30-Yr Average	3.38	3.37	6.85 4.87	4.38	3.67	3.58	5.09	3.57	3.04	3.02	2.04 3.27	3.68	42.36 47.66	
Little Tennessee Above McGhee	1965 Average 30-Yr Average	4.68	4.95	9.68	4.26 5.02	4.45	4.09 4.63	4.63	19°1	3.56	3.52	3.27	0.72	53.45	
Little Tennesses Above Fontana Dam	1965 Average 30-Yr Average	4.76	5.26	9.06	4.39 5.08	μ. υ. 1. ο. μ	3.77	3.88	40.5	4.83 3.77	3.36	3.21 4.20	0.69	53.07 60.59	
Clinch Above Norrie Dem	1965 Average 30-Yr Average	4.37	2.79	6.77	4.22 3.61	3.32	2.62 4.04	5.15	3.08	2.12	2.28	3.35	११°0 ११°0	39.21 47.01	
Hivassee Above Charleston	1965 Average 30-Yr Average	3.89	46.4 5.94	9.17	4.08 5.12	3.91	4.13 4.45	4.50	3.65	3.42	3.06	3.28 4.13	0.71 5.18	49.79	
Hivassee Above Hivassee Dam	1965 Average 30-Ir Average	1.00	5.06	8.45	4.25 5.25	3.99	70.4 4.68	4.21 6.08	3.62	3.58	3.28	3.99	0.63	49.64 59.10	

30-Year Averages Based on 1935-1964 Averages. Note:

RAINFALL AND RUNOFF FOR SELECTED WATERSHEDS

$\overline{\underline{\operatorname{Stream}}}$	Station	Drainage Area sq. mi.	Januar Rain- fall inches	January 1 - December 31,Rain-Depar-Run-Ifalltureaoffinchesinchesi	ember 31 Run- off inches	1965 Departureb	Runoff in Percent of Rainfall	Rainfall Minus Runoff inches
Big Sandy River Duck River Bear Creek Elk River Paint Rock River	Bruceton Hurricane Mills Bishop Prospect Woodville	205 2571 667 1784 320	45.0 46.0 41.7 45.1	-7.0 -5.3 -12.4 -9.4	16.0 20.4 16.0 19.1 24.1	-2.2 +1.5 -4.0 -2.6	35.6 44.3 38.4 49.9	29.0 25.6 25.7 26.0 24.2
South Chickamauga Creek Toccoa River Sewee Creek Emory River Clinch River	Chickamauga Dial Decatur Oakdale Tazewell	428 177 117 764 1474	46.1 50.8 46.7 49.0 39.2	-7.9 -15.1 -6.0 -4.0	17.6 31.6 20.7 20.7 16.0	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	38.2 62.2 44.3 42.2	28.5 19.2 26.0 28.3
Little Tennessee River North Fork Holston River Little Pigeon River French Broad River	Needmore Saltville Sevierville Asheville	436 222 353 945	53.7 36.0 45.4 53.1	8 - 18 . 2 - 19 . 0 - 19 . 0 - 19 . 0 - 19 . 0	30.6 14.7 19.8 28.7	-0.3 -3.3 +1.8	57.0 40.8 43.6 54.0	23.1 21.3 25.6 24.4

Rainfall departures are referred to the 30-year means for the period 1935-1964. а. О

Locations of watersheds are shown on map "Average Precipitation on Watershed Subdivisions." Runoff data are furnished by the U. S. Geological Survey and are tentative.

Runoff departures are referred to medians furnished by the U. S. Geological Survey.

MONTHLY AND ANNUAL RAINFALL AND RUNOFF

TENNESSEE RIVER ABOVE CHATTANOOGA, TENNESSEE

Drainage Area - 21,400 Square Miles

Annual		45.26	37.23	51.11 51.94			19.97	36.54	11.22	23.62	23.61			
Dec.		0.54	0.54	4.55			0.47	5.11	0.41	1.93	1.68			
Nov.		2.49	0.44	3.13			0.50	3.77	0.30	1.10	0.84			
Oct.		2.61	0.04	2.48			0.64	3.17	0.30	0.80	0.70			
Sept.		3.39	0.77	3.21			0.56	2.69	0.21	0.84	0.69			
Aug.	157	3.52	1.25	4.30		101	0.64	4.28	0.26	1,13	0.96		0	4 - 1965
$\frac{July}{}$	890 - 196	$\frac{5.09}{11.07}$	2.02	5.07		74 - 196E d)	1.01	3.90	0.45	1.32	1,11			econd 187 d)
June	Rainfall in Inches 1890 - 1965	3.88	1.73	4.49		Runoff in Inches 1874 - 1965 (Unregulated)	1,10	3.75	0.50	1.42	1.26		4	Feet Per Sec (Unregulated)
May	ainfall in	3.73	0.80	3.80		unoff in [U]	1.49	5.28	0.61	1.99	1.76			Cubic re (U)
Apr.	낊	4.25	0.95	4.15		ŒI	3.24	7.11	1.01	2.98	2.73			Kunoff in Cubic Feet Per Second 1874 - 1965 (Unregulated)
Mar.		8.17	1.37	5.15			5.41	9.65	1.30	3.81	3.28			
Feb.		3.76	0.96	4.47	1964		2.34	7.45	0.62	3.27	3.11	1964		
Jan.		3.83	1.42	4.23	For Period 1890 - 1964		2.57	9.42	0.50	3.03	2.76	od 1874 -		
		1965 Maximum	Minimum Meana	Mediana	a. For Peri		1965	Maximum	Minimum	Mean ^D ,	Median ^D	b. For Period 1874 - 1964		

b. For Period 1874 - 1964

Mean^b Median^b

31, 500 57, 600 17, 690 37, 200 37, 200

8,800 94,800 7,700 35,800 31,200

9,600 72,400 5,800 21,100 16,100

12,000 58,900 5,510 14,800 13,000

10,700 51,500 3,990 16,100 13,200

11,900 79,400 4,760 21,000 17,800

18,700 72,300 8,300 24,500 20,600

21, 200 72, 000 9, 600 27, 200 24, 200

27,700 98,000 11,300 36,900 32,700

62,200 136,400 19,400 57,200 52,400

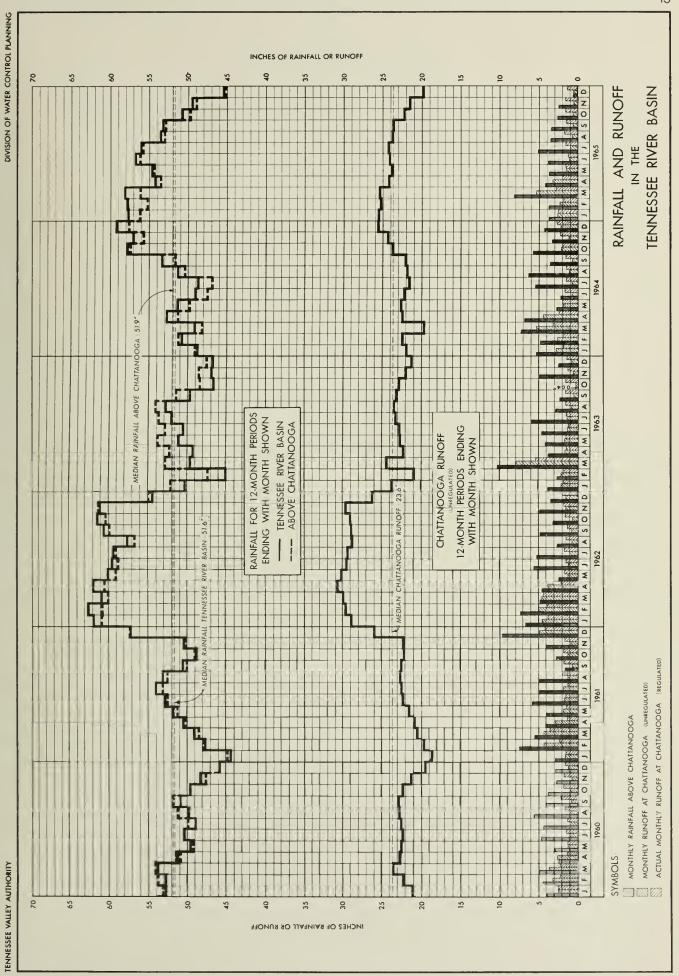
100, 500 178, 500 24, 100 70, 700 60, 900

48,200 147,800 12,700 66,600 63,400

47,700 174,800 9,200 56,200 51,200

> Maximum Minimum

1965

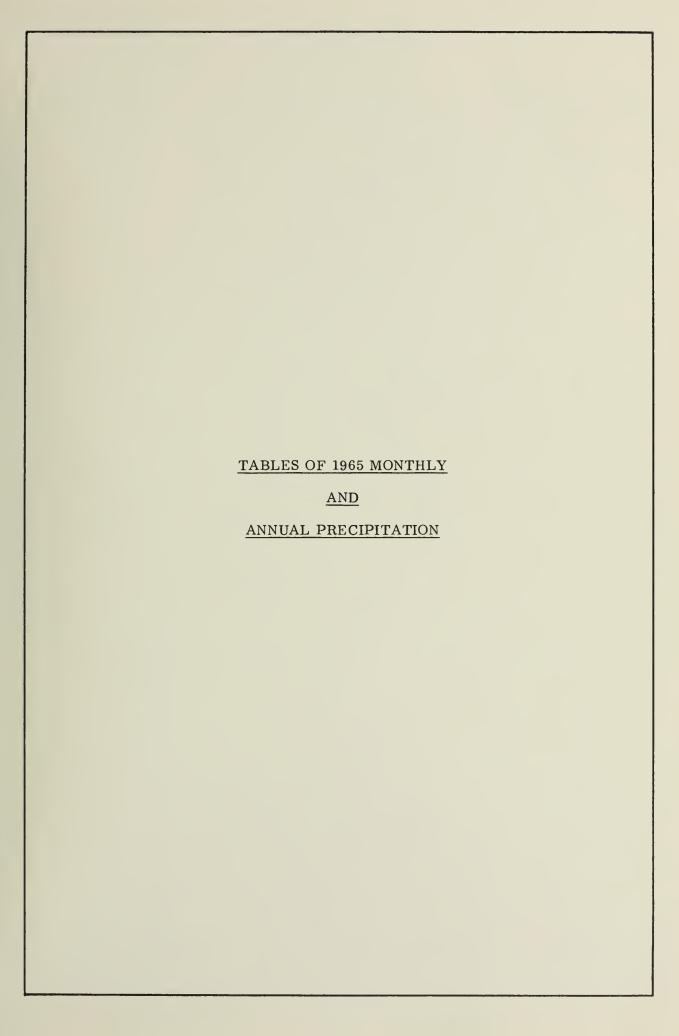


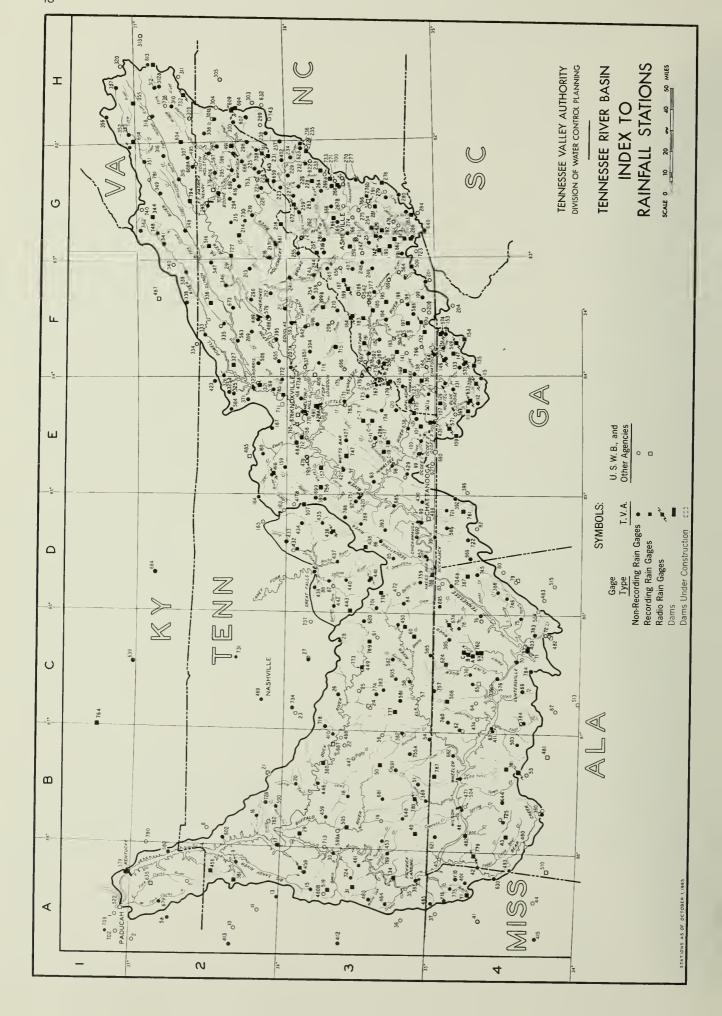
14

	Annual	36.60a 36.56a 41.34 52.09a	52.15 47.148 41.29 47.71	- 24284 - 2528 - 2528	- 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	- 8 8 3 8 3 8 4 8 5 3 8 5	0.91 1.08 1.42 1.54	
	Dec.	0.90 1.10a 1.07 1.56 0.97a	0.25	1 8 8 9 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	- 1 3 3 8 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8	88883	1006	
	Nov.	1.97	23.31 2.688 71.73	47206472 47306472	56 52 52 51 53 68	888 44 880 880 880	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	
	Oct.	3.15 2.93 2.34a 3.15 3.67 3.00	10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.00.00 10.	£ 62 23 24 \$ 62 24 24 24 24 24 24 24 24 24 24 24 24 24	62 55 54 54 54	845 845 852 852 852	00.52	
	Sept.	3.61 3.60a 7.00a 7.02a 1.03	1.58 1.58 1.58 1.58	04 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	76 758 75 78	8889999	0.50 0.17 0.72 0.12 0.73	
	Aug.	6.14 6.73 7.34 7.76 7.76 7.98	0.17 2.23 4.12 1.53 1.41 3.82	76 47 78 68	83 81 84 76	88888 88888 88888	0.59 0.08 0.42 0.70 0.87	
	July	7.84 4.97 80 7.57 7.57 7.40	4 + 1.99	77 71 70 a 74 78 69	84 81 a 79 81 85	90 90 90 88 89 89 89	0.04 0.05 0.13 0.36 0.86	
R 1965	June	5.83 4.50 4.37a 5.17 6.37 5.11a	0.69 7.23 7.23 8.122 3.02	65 67 77 67 67 77	82 778 77 71 72	933 660 88	0.51 0.05 0.49 0.78 1.01	
evaporation data—year 1965	May	55.33 57.03 57.03 57.79	3.27 3.48 3.43 3.22 3.22	3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	78 71 76 78 71	82 83 80 81 81	0.43 0.13 0.83 1.05 1.18	
N DAT	Apr.	4.63 4.58 4.17 4.17 4.53	33.75 3.75 3.75 3.75	61a 57 58 58 52	24,66,88	75 80 76 76	1.00 0.56 1.29 1.49 2.13	
ORATIC	Mar.	2.08 2.16 2.10a 2.02 3.01a 2.39a	7.26 9.49 6.10 7.86 10.16 4.97	14444 800 14444 1000 1000 1000 1000 1000	1,88 1,88 1,58 1,58 1,68	8834 833 831 831	1.32 0.90 1.36 2.14 2.57	
EVAP	Feb.	1.65a 1.21a 1.16a 1.43 2.05a	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	2 4 8 8 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4	458 408 408 408 408 408	844 844 844 844 844 844	1.14	
	Jan.	1.37a 0.91a 0.94a 1.45 1.93a	3.90 11.56 12.08 1.18 1.08 1.08	338 34 44 34 34 34	438 488 488 1-1	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.1. 0.28 1.4. 1.4. 1.32 1.32	
		Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	Paris, Tenn. Murphy, N. C. Beetree Dam, N. C. Jefferson City, Tenn. Guntersville, Ala. Marion, Va.	The Attendition of November 2017
		Evaporation (Inches)	Precipitation (Inches)	Average Air Temperature (Degrees F)	Average Water Temperature (Degrees F)	Average Relative Humidity (Percent)	Average Wind Velocity (Miles Per Hour)	- Constant

Paris, Tennessee, was discontinued November 30, 1965.

a = Partly estimated





<u> </u>	. R Depth of Bnow Nor'l (Inches)	19.05 19.0 143.78 19.0	1	47.28 14.7 48.43 16.5 45.16	47.62 20.1 46.23 12.0 47.95 15.0	48.60 12.0 51.40 12.5 48.38	18.50 10.0	49.63 13.0																				
	GEER TEA	11	45.78 51.37 35.64	#43.22 46.62 39.91	1	4.19 44.59 4.81 #47.39 3.95 48.26	4.19 #44.19 4.47 47.10 4.41 44.58		.64 #50.72	4.72 45.19 4.77 47.12 4.62 44.87	4.72 46.55 5.15 50.46 4.57 #44.12	4.16 49.49 4.36 40.97 4.63 47.57	4.50 42.69 4.35 42.55 4.51 #47.77	-	#56.40 #51.34	# 12.7.5 # 55.40 # 15.03 # 15.03 # 15.03 # 15.03 # 15.03	47.51 \$56.40 \$1.34 \$46.71 \$1.65 \$1.62 \$2.72	#56.40 #51.34 #56.40 #4.6.71 #46.71 #46.71 #5.54 #46.71 #5.54 #46.71 #5.54 #46.72	#56.40 #51.34 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57 #46.57	# 52.73 # 52.76 # 52.76 # 6.77 # 6.79 # 6.70 # 6.70	# 1.50 # 1.50	## 17.57 # 17.57 # 17.57 # 17.57 # 17.57 # 17.52 # 17.	## 1.50 #	## 1.50 # 1.73 #	# 1	\$2,545 \$2	\$25.00 1.00	\$25.00 \$2.00
DECEMBE	Total	.58 2.20 3	0.70	1.01	2.01	1.37	1.33	.04 1.53 th	13 1.70 4	1.32	1.35	1.53	1.37	3.56 1.58 4	1.38	1.30	1.38 1.38 1.38 1.39 1.39 1.39 1.39 1.39 1.39 1.39 1.39	25.00 20.00	2.52 2.52 2.52 2.52 2.52 2.52 2.52 2.52	2000 864 864 864 866 866 866 866 866 866 866	11.13 11.13	11.777 11	11.33 11.33	11.33 1.133	11.33 11.33	2000 000 000 000 000 000 000 000 000 00	1132	1138 8 11 13
And the party limits	Total Nor'l	1.56 3.9	m-3 m		3.33 4.00 1.49 3.57 2.35 3.99	2.98 4.12 3.47 4.66 2.94 4.21	3.09 4.29 3.83 4.22 3.21 4.28	9 6 5 2.86 4.0 2.65 4.5	2.97 4.1	3.49 4.47 3.59 4.60 2.62 4.33	3.26 4.24 2.95 4.67 2.75 3.98	2.92 3.66 2.27 3.97 2.31 4.07	2.66 4.2															
Service and Control	OCTOBER Total Nor'l	1.19 2.79 1.31 2.47 1.28 2.29					0.81 2.53 0.82 2.83 0.92 2.39	UNE 30, 1 0.86 2.36 2.19 2.59	N	0.99 2.09 0.89 1.91 1.06 2.00	2.57 2.17 #0.65 2.32	0.94 1.83 1.51 2.38 1.12 2.70	1.36 2.04 2.31 2.03		1	1	1											
Call in many party	BEPTEMEER Fotal Nor'l	7.81 3.12 6.80 2.90 9.04 3.59	10.43 3.81 9.97 3.08 5.20 2.97	7.01 3.07 8.12 3.06 6.56 3.39	7.43 3.09 6.65 3.91 7.62 3.39		4.91 2.91 7.89 3.12 5.83 3.00	TINUED J 4.00 3.33 #4.12 3.44	.	2.52 2.81 3.12 2.95 2.89 2.78	2.07 2.88 1.75 3.16 4.25 2.90	2.36 2.60 2.88 2.88	2.55 2.86 2.27 2.53 2.05 2.45															
William	Nor'1	3.32	3.25	3.23	3.25 2.58 3.39	3.44 3.13 3.29	3.30 2.84 3.38	I S C O N 2.90 3.53	3.53	3.92	3.69	3.19	3.49	2	3.37	3.37 3.57 3.79 3.14 4.13	3.37 3.57 3.57 3.19 4.13 4.13 4.13 3.72 3.30	3.72 3.72 3.72 3.72 3.72 3.30 3.30 3.46 3.56	3.779 3.779 3.779 3.779 3.779 3.305 3.305 3.305 3.305 3.305 3.306	3.79 3.79 3.79 3.79 3.70 4.13 3.66 3.66 3.66 3.66 3.66 3.66 3.66 4.03	3.77 3.77 3.78 3.78 3.78 3.78 3.78 3.78	3.75 3.75 3.75 3.75 3.75 3.75 3.75 3.75	3.779 3.779 3.779 3.779 3.779 3.779 3.770	3.29 3.37 3.37 3.30 3.30 3.30 3.30 3.30 3.30	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3.577 3.	3.75 3.75	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Nor'l Total	3.48 2.08 3.21 3.15 3.67 3.41	3.68 0.41 3.32 3.07 2.94 0.29	4.34 1.27 4.24 0.69 3.68 1.16	3.93 0.33 4.69 0.70 3.90 0.66	4.19 0.51 3.89 0.48 3.84 0.12	3.58 0.27 3.87 0.88 3.94 0.15	μ.ογ 1.45 μ.ο9 1.69		3.68 1.71 3.89 2.74 3.17 4.30	3.95 3.31 4.54 2.28 4.42 0.44	4.39 0.69 4.06 0.65 4.48 1.12	4.20 1.45 4.26 2.46 4.39 0.94		3.94 2.40 4.39 1.14 3.76 1.21													
1	JULY r'l Total N	3.78 3.22 3.80 3.36 4.73 5.19	3.90 5.18 3.74 4.48 3.48 2.52	3.71 5.28 3.67 6.20 3.95 3.62	3.50 6.41 3.69 3.61 3.58 8.06	3.67 4.91 4.15 6.81 3.88 5.49	3.83 8.77 4.01 6.76 3.85 4.55	.72 3.64 .32 3.63		4.29 4.37 3.24 3.33 3.56 4.75	3.61 4.33 4.45 5.35 3.99 3.02	4.55 5.81 3.73 3.35 3.72 7.39	3.83 3.93 3.78 2.82 4.43 4.13		3.26 7.77 3.80 5.11 3.87 4.98													
DATE:	Total No	6.08	5.29	3.64	2.37 3.39 2.98	4.86 #2.51 4.72	3.08	3.94 3		3.22	1.88 4.37 #4.10	5.07 5.08 4.82	3.15		4.39 5.55 8.31	4.39 5.55 8.31 4.10 5.08	4.39 9.31 4.10 7.08 4.63 7.31 7.31	6.33 6.33 6.33 6.33 6.33 6.33 6.33 6.33	4,34 4,34 4,10 4,10 4,10 4,10 4,10 6,03 6,03 6,03 7,71 7,71	6.33 6.33 6.33 7.10 7.10 7.10 7.10 7.10 7.10 7.10 7.10	824,4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	85.50 85	6.53 6.53 6.53 6.53 7.53 6.53	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	855 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	25.55	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8
A 97	Total Nor'l	2.02 4.40 2.30 4.51 2.23 4.33	1	2.31 4.20 2.42 4.42 1.47 4.01	1.71 4.18 3.04 4.53 1.66 4.51	2.61 3.93 2.81 4.05 3.31 3.93	1.79 4.11 2.50 4.40 2.58 3.94	यं यं यं	3.62 3.97	5.04 4.26 5.08 4.15 3.69 3.93	1.50 1.09 3.54 1.21 1.07 3.87	4.18 3.99 4.27 3.78 4.56 4.24	3.52 3.74 5.91 3.43 5.29 4.10		4.81 4.45 5.20 4.17 4.63 3.64													
11 00 1	Artil Total Nor'l	3.42 4.26 4.60 3.68 3.08 3.83	3.63 3.60 5.49 4.36 4.64 3.86	4.42 4.12 4.59 4.40 5.28 3.82	4.66 4.12 45.03 4.41 4.19 3.95	5.93 3.87 5.52 4.12 5.20 3.91	3.62 3.91 3.54 4.36 3.98 4.14	3.36 3.94 4.02 4.27 #3.64 4.65	4.73 4.28 5.17	3.61 4.88 4.45 4.69 3.19 4.57	4.85 4.80 4.63 4.87 #5.75 4.32	4.34 5.18 2.99 4.45 4.59 4.41	4.86 4.71 3.87 4.54 6.64 5.43		4.06 4.15 9.79 4.35 5.16 4.56	1.06 4.15 9.79 4.35 5.16 4.56 3.53 4.56 3.47 4.80 3.33 4.64	1											
g c g c	Nor'l	4.85 5.22 5.24	5.36		5.30 5.04 5.32	5.25	5.60 5.29 5.77	5.37 5.57 5.87)	5.92 6.58 5.48	5.61 5.75 5.89	5.90 5.75 5.57	5.49 5.15 6.03		5.09	500 500 500 500 500 500 500 500 500 500	5.09 5.42 5.42 5.63 5.63 5.63 5.63 5.63 5.63	\$689 \$4, 588 \$4, 588 \$5,00 \$5,	5.09 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	5.68 5.68 5.68 5.68 5.68 5.68 5.68 5.68	5,689 5,482 5,482 5,483	2,509 2,	2,500 2,400	5,509 5,	25.00	25.00 25	25.00	2,500 2,
Ag	Nor'l Total	3.76 5.4 3.71 5.4 3.98 5.3	3.50 4.81 4.13 5.30 4.13 6.41	4.23 6.2 4.32 7.6 4.24 5.9			4.47 #5.8 4.46 6.3 4.93 7.9	4.57 7.99 4.45 5.86 4.97 6.26	1	5-33 9-3 5-44 10.0 5-42 9-2	5.53 8.95 5.77 11.15 4.99 #7.47	5.28 7.4 5.03 7.5 4.76 8.1.	5.31 8.5 5.58 8.0 5.75 9.4		5.32 7.6 5.50 #11.00 5.72 9.00					*								
PERMIT	Total	4.76 5.70 5.12	6.34 5.55 3.51	9.19 4.98 4.58	5.00 #4.19 5.18	74.6 46.84 5.26	6.63	#6.32 #7.19 7.22	6.64	5.93 6.04 5.74	6.14 5.75 #6.48	7.11 5.92 6.21	5.52 4.79 4.94		4.38 4.38 #4.08	# 4.08 # 3.76 # .62	**************************************	4.75 4.38 4.38 4.66 4.66 4.66 7.67 7.77 7.50 3.50 3.50 3.50	4.03 4.03 4.03 7.04 7.07 7.07 7.03 1.36 8.3.56 7.03 1.36 8.3.56 8.30 8.30 8.30 8.30 8.30 8.30 8.30 8.30	25.444 26.6444 26.66444 26.6646444 26.66464444444444	4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	444 69. 44. 75. 75. 75. 75. 75. 75. 75. 75. 75. 75	444 80.00 10.0	25.5.2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3	25.5.5.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	28.60	5.66.9 5.66.5<	485 685 685 685 685 685 685 685 685 685 6
WRAIMAN	Total Nor'l	3.40 4.74 3.42 4.50 3.59 4.45		#3.93 4.68 4.03 4.85 3.18 4.46	4.78 5.19 3.91 3.70 5.16 4.80		4.07 5.78 4.25 5.76 4.58 5.01	3.83 6.25 3.81 5.75 4.13 6.40	4.69 6.23 3.78	3.66 6.48 4.23 6.37 3.44 6.41	3.54 6.32 4.06 6.13 #3.30 5.67	4.46 5.18 3.51 6.28 3.41 6.06	3.77 6.36 3.11 5.76 #2.81 4.87		2.73 5.89 2.81 5.79 2.41 5.58													
	Tre of ev. Record	333 84 348 25 504 16		140 18 364 22 410 21				475 32 430 36 480 50		495 26 498 12 580 25						625 18 675 93 675 18 620 27 720 14 745 12												
	Owner Blev.	USWB 33						USWB 47 TVA 43 TVA 48		TVA 49 USWB 49 TVA 58		TVA 52 TVA 52 USWB 80																
HOKEL	Index	NEW JOHNSONVIL. A-1 A-1 A-1	A-2 A-2 A-1	A-2 A-2	A-2 A-2	B-2 B-2 A-2	A-2 A-2	A-2 A-3	B-2 B-2	88 88	B B +3 B -3 B -53	S-89	B-3 B-3			PPP												
TENNESSEE VALLEY AUTHORITY	Station Name and Location	TERNIFSCEE RIVER - MUDTH TO PADUCAB, NEAR R PADUCAB AIRFORT	SEAWNEE STEAM PLANT LOVELACEVILLE KENTUCKI DAM R	HICKSVILLE MATFIELD SUBSTA BENTON R	MURRAY GOLDEN POND TURKEY CREEK SCHOOL	DOVER FIRE TOWER, NEAR BUCHANAN R	SPRINGVILLE IRESDEN PARIS EVAPORATION STA R	NOC!	ŒAR	TVILLS ILL R	ORO NEAR	Q	CENTERVILLE SUBSTA SEADY GROVE R MT. PLEASANT, NEAR	O R	4	ASHKOD COLUMBIA COLUMBIA SUBSTA NEAPOLIS FRANKLIN, NEAR	ASBROOD COLMBLA SUBSTA MELPOLIA FRANKLIN FRANKLIN FRANKLIN PALMETTO	AASBKOOD OOLUMBLA COLUMBLA COLUMBLA CURSTA REAPOLLIN WARA FRANKLIN WARA FRANKLIN CHAREN FRANKLIN CHAREN FRANKLIN WARA WARPEESSAG	AGBROOD OOLUNGIA GUBSTA READLIA GUBSTA READLIA GUBSTA FRANKLIN NEAR FRANKLIN CHARSE FRANKLIN CURSTS FRANKLIN SAR FRANKLIN SAR READENTIO CUAPEL BILL WINTERSSORIO SUBSTA SEELBYTILE R SEELBYTILE R SEELBYTILE R SEELBYTILE R	A SUBSTA N. NEAR N. NEAR NO. N	ASSENCED COLUMNIA STUDSIA STRANDLIA, NEAR FRANTALIA, NEAR FRANTALIA, NEAR FRANTALIA, NEAR FRANTALIA, NEAR STRANDLIA, N	ASSENCED COLUMBIA SUBSTA REAGULIA, NEAR REAGULIA, NEAR RANGETO RANGETO REPRESENCE RETARYLLE, REAR RETARYLLE, REAR RETARYLLE, REAR RETARYLLE, REAR RETARYLLE, REAR RETARYLLE, REAR REACH REAGURING	AABROOOD OOLUMBIA AUBSTA MEAJOLIA, NEAR MEAJOLIA, NEAR MANDELIN, NEAR MANDELIN, NEAR MANDELIN, NEAR MANDELIN, NEAR METATEESBOOD METATEE	AGENCOOL OLLAGIA SUBSTA MEAZOLIA MERAZOLIA MERAZOL	AGBROOD COLUMBIA GUBSTA REALDLIN	A SUBSTA N. NEAR NO. NEAR NO. NEAR NO. NEAR NO. NEAR NO. NEAR NO. NEAR	A SUDSTA N. NEAR N. NEAR N. NEAR N. NEAR N. NEAR N. NEAR N. NEAR N. D.	A SUDSTA N. NEAR N. NEAR N. NEAR DILL. SERVER - NEW JOENS TO R TO R TO R TO R NATION PLANT R RADIO NOW, YEAR NOW, YEAR
NNESSE	Sta. No.	1 PADUCAB 522 PADUCAB 702 PADUCAB	709 SEANNEE 2 LOVELACI 379 KENTUCK	679 BICKSVII 5A MATFIELD 635 BENTON F		8 DOVER F. 602 DOVER F. 456 BUCHANA	9 SPRINGV 10 DRESDEN 361 PARIS E		16 ERIN, NEAR 782 WAVERLY	459 PLEASANTVILLE 589A LINDEN 505 SUGAR BILL R	18 BOHERWALD 19 WAYNESBORO 590 MCEWEN, NEAR	728 MCEWEN 20 PINEWOOD 21 DICKSON	446 CENTERV 380 SHADY GF 447A MT. PLES	687 MONSANTO R		1												
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TENN	TENNESSEE VALLEY AUTHORITY	RITY					ANNU,	A L	1965 F	PRECIPITATION	PITAT		-In Inches	S			DIVISION	ION OF	WATER	CONTROL		PLANNING	18
. s 	Station Name and Location	Index Owner	. Elev.	Yrs of Record	JANUARY 1 Totel Nor'l	FEBRUARY Total Nor'l	MARCE Total Nor'l		APRIL Total Nor'l	Total No) Tot	JUNE Total Nor'l	JULY Total Nor'l	AUGUST Total Nor'l	SEPT	EMBER OCT	YOBER 1	NOVEMBER Total North		WEER TE	A R	Depth of Snow	
	TENNESSEE RIVER - PICKWICK TO FLOR	11			Ш					1					10001	11	Not. 1		TOURT NOT		LION	Inches)	.,.
38	PICKNICK LANDING DAM GLENS BURNSVILLE	A-3 TVA A-4 TVA A-4 TVA	479 600 540	31 28	4.61 6.07 5.22 4.70 5.36 5.97	5.00 5.43 5.69 5.18 5.47 5.74	6.84 5. 10.26 7. 10.59 5.	28 13 84					2.83 3.57 2.74 3.64 3.69 3.79	1.84 3.07 2.42 2.66 4.24 3.62	1.86 3.06 2.42		2.63		1.70 4.	4.65 38.18 4.89 45.76 5.09 49.17	\$ 49.97 \$ 50.63 7 52.45	1.5	
447	IUKA MIDWAX CAIRO, NEAR R		530	27	4.71 4.63 4.16 5.99 4.05 4.46	5.73 4.66 6.87 6.25 6.08 4.72	9.14 8.84 6.60 7.	8.17 3. 6.15 3. 7.70 2.				.67 4.28 .15 3.83 .55 3.91	6.10 h.84 5.70 h.06 3.14 3.62		3.04		2.02 2.12 1.98		2.56	5.25 50.67 4.98 49.06 5.17 44.06		1.5	
100	BOONEVILLE BONE CAVE. RADIO BISBOP	A-4 USWB A-4 TVA A-4 TVA	204 746 740	12 218	3.73 6.04 2.7 4.05 6.24	5.52 5.70 5.7 6.75 6.04	9.08 5. 7.5 7.94 6.	5.90 2. 6.67 3.							2.98		2.29	1.26 4.68 1.6 2.15 4.45	1.80 5.		1	2.5	
27.7 A	BELGREEN R RUSSELLVILLE, ALABAMA RUSSELLVILLE, NEAR		810 755 740	123	2.25 5.72 2.43 5.09 #2.44 4.88	6.54 5.95 5.97 5.90 #5.74 5.60	6.94 6. 7.67 6.	6.54 2. 6.18 2. 6.11 2.	2.84 4.96 2.46 5.59 2.02 5.59	1.34	3.37 5.	3.44 3.46 5.69 3.72 5.36 3.77	1.68 4.66 5.35 4.17 5.05 4.39	4.20 3.71 6.03 3.38 6.28 3.66	3.39	2.74 0.86 3.41 0.97 3.62 1.12	2.51	1.03 4.28 1.16 4.05 #1.25 3.83		1.80 35.56 5.40 44.95 5.15 #45.42	53.20	2.5	
	BELMONT, NEAR RED BAY BODGES	A-4 TVA A-4 TVA B-4 USWB	585 680 870	282	3.38 6.12 2.61 6.10 2.78 5.98	6.17 6.15 7.62 5.92 8.03 6.05	8.32 6. 8.97 6. 7.83 6.	6.57 3. 6.65 2. 6.01 1.							3.97		2.32	0	2.14 5.			2.8.0	
5.00 3.00	BEXAR R FULTON BALETVILLE	A-4 USWB A-4 USWB B-4 TVA	529 335 930	25 57	2.34 5.79 #2.85 5.48 2.79 5.57	7.80 5.10 6.86 5.78 6.40 5.24	7.09 5.8 6.25 7.	5.78 #2.61 6.40 2.71 7.50 2.72							#4.61 4.24 3.70		64.0 88.88	#1.20 3.95 1.29 4.38 #1.12 4.25				3.5	
360 45 621	HALEYVILLE WATERLOO YOUNGS STORE, NEAR		910 430 735	888	3.16 6.59 4.87 6.01 5.44 6.61	6.61 6.07 #5.87 5.66 6.20 6.26	#8.72 6. #9.19 6. 9.78 6.	6.63 2. 6.15 4. 6.46 4.	2.94 5.30 4.37 4.88 4.94 4.99	0.61 3		4.59 4.51 3.58 4.04 3.75			1.30	3.01 2.92 1.41	2.39			5.49 #44.74 4.74 #5.72 5.22 45.12	1	3.4	
462A	COLBERT STEAM PLANT R	B-4 TVA	1,50	14	3.21 5.06	5.30 5.32	10.12 6.	6.43 4.		3.96 4	Ш				1.56	2.16 1.02	2.06	м					
174 504 471	TERNESSEE RIVER - FLORENCE TO CUNT FLORENCE MUSCLE SBOALS WILSON DAM	B-4 USWB B-4 USWB B-4 TVA	578 534 530	92 32	5.10 5.47 2.76 5.65 2.70 5.74	5.39 5.88 4.92 5.50 4.25 5.91	10.04 8.47 8.54 5.45	6.01 4. 5.81 5.		2.41 3 2.43 3			4.17 4.32 4.06 4.21 3.22 4.21	3.54 3.10 4.29 3.06 5.53 3.07	3.58	2.72 1.11 2.80 0.39 2.81 0.68	2.28 2.45 2.88	2.00 4.03 1.09 3.72 1.50 4.08	#1.72 4. 1.26 4. 1.11 4.	4.81 #49.5 4.72 42.85 4.81 41.41	49.83 49.83 49.88	2.1 2.5	
369 780 648	IRON CITY WEST POINT, RADIO COLLINHOOD	B-3 TVA B-3 TVA B-3 TVA	570 940 1060	12.5	4.90 5.80 4.2 4.06 6.17	4.60 6.16 4.3 5.45 6.25	8.70 6. 8.5 10.17 6.	6.52 5.00 #5.1 6.49 3.98				40.4 70.		2.30 3.88 3.4 2.83 3.11	3.20	.94 2.30 2.3 2.3	2.76			5.63 45.50 #43.0 5.32 49.25	55.11	1.0	
681 51 691	OVILLA LORETTO LAWRENCEBURG		028 038	18 38 17	3.57 6.14 4.63 6.12 3.90 6.64	6.13 6.15 5.07 6.24 4.54 6.25	12.61 6. 9.39 6. 9.34 6.	6.26 4. 6.45 5. 6.67 3.			3.83 3.		5.21 4.28 4.89 4.77 3.89 4.21	2.75 3.76 2.77 3.44 3.05 3.15	1.99	3.01 6.19 2.93 3.14 2.99 2.51	2.53 2.79 2.78	2.55 h.80 3.87 h.70 2.42 h.33	2.24 5. 1.61 5. 1.48 5.		1	1.0	
6°114 6°44	LA WRENCEBURG ETERIDGE R NEWBURG	B-3 USWB B-3 TVA B-4 TVA	947 1010 625	188	3.19 4.45 2.97 5.62 2.42 5.94	1.55 5.74 3.95 5.99 4.95 5.46	8.89 8.89 5.94 5.94	6.78 4.03 5.72 4.41 5.51 #3.16	03 5-35 41 4.67 16 5.14	2.37 4 2.73 3 0.93 3		#3.06 3.77 3.09 3.43 4.79 3.93	3.98 4.27 5.68 4.14 5.01 4.62		3.41 2.66 3.02		2.43	#2.21 4.29 2.76 4.36 0.82 4.65	1.77 5.		1	1.3	
787 52 682	LEXINCTON, ALA R WHEELER DAM SBOGWAKER SPRINGS	8-4 TVA 8-4 TVA 8-4 TVA	770 580 740	1803	1.16 3.15 5.86 4.09 5.99	4.73 5.27 5.01 5.01	9.21 7.83 6. 8.73 6.	6.10 4. 6.18 4.					4.63 2.45 5.14 5.65		2.57 2.04 #2.19		2.28		1.42			1.0	
381 381A 53	MOULTON R MOULTON, RADIO CENTRAL TOWER	B-4 TVA B-4 TVA B-4 USFS	670 990 990	27 10 31	3.50 5.46 2.5 4.7 3.50 5.68	5.39 5.64 5.9 5.6 6.77 5.82	7.45 5.8.96 6.96	5.68 3. 6.0 2. 6.17 3.		0.76	3.42 6. 3.2 8. 3.73 6.				2.78 3.0 2.67		2.8 2.8 2.34					2.5	
181 760 62	ADDISON R NEAR ELKNONT, ALA ATRENS, ALABAWA		875 768 712	28 15 31	#2.76 5.54 4.68 4.95 3.63 6.21		#8.36 5. 9.11 8. 8.18 6.	5.77 8.10 6.41 5.	3.49 4.46 5.62 4.98 5.62 4.61		3.15 5.46 3.79 4.03 3.70 4.38	.46 3.93 .03 4.23 .38 3.65	#5.90 4.40 4.56 5.12 3.88 4.32	#4.75 3.47 2.68 2.99 4.03 3.32	#3.16 3.02 2.65	3.50 0.57 3.19 1.95 3.04 1.99	1.96 3.07 2.62	0.85 3.90 2.06 3.74 1.13 4.33	#1.19 4. 1.32 5. 1.50 5.	4.97 #44.23 5.12 44.41 5.27 43.14	\$ 50.65 \$ 54.23 \$ 53.20	1.6	
62A 63 63B	ATHENS, ALABAWA DECATUR DECATUR NO. 4	C-4 USWB C-4 USWB C-4 TVA	720 375 565	10 87 19	#3.75 4.70 2.93 5.70 3.17 5.80	5.60 5.69 44.6 06.44 5.55 5.41	7.92 6.832 5.84.5.	6.74 5. 5.50 4. 5.69 4.	5.52 5.48 4.57 4.47 4.53 4.56		3.53 h. 3.32 3.32 3.32		1.05 1.08 5.04 1.53 1.49 1.20		3.48		3.21 2.57 2.24					7.8 4.7	
,111 503 384	DECATUR NO. 2 SUBSTA DANVILLE FALKVILLE		62,88	25 25 25	2.69 5.80 #3.31 5.42 3.16 5.51	5.31 5.41 6.06 5.50 6.94 5.94	8.03 7.91 9.78 5.78	5.69 3. 5.84 2. 5.90 3.		1.37 0.65 1.39 3				6.09 3.18 4.19 3.57 4.40 3.56	2.67	.28 1.15 .49 1.14 .37 1.98	2.24 2.02 2.21	co	=			5.0	
384A 513 474	FALKVILLE GARDEN CITY BELLE MINA, NEAR	C-4 USWB C-4 USWB C-4 API	608 504 600	3.25 10	3.33 2.88 5.55 3.13 5.47	6.26 6.82 5.61 5.24 5.41	9.27 7.79 6. 7.92 6.	6.20 4. 6.17 4.			1 3		6.57 2.51 4.91 5.98 4.38	5.45 5.06 3.59 3.59	2.31 4.10 2.37		2.41		1.05	5.06 #48.1 4.97 41.13		1.3	
655 &k	MADISON BUNTSVILLE SUBSTA BUNTSVILLE AP R	C-4 USWB C-4 TVA C-4 USWB	670 615 605	72 47 21	4.54 5.56 4.00 5.43 3.61 5.22	6.44 5.48 5.77 5.40 5.67 5.22	10.25 5. 9.46 5. 8.20 5.	5.87 t. 5.85 3. 5.57 3.		2.88 3 1.79 3					2.46 1.95 3.60		2.87 2.51 2.72			5.11 57.13 4.62 43.09 4.91 42.99	52.22 50.03 48.67	8.0 4.0 5.5	
66 67 576	CENTER GROVE ST. BERNARD FARLET		780 802 658	529	3.70 6.33 3.12 5.81 3.37 5.61	8.12 6.36 7.07 5.81 6.53 5.87	10.90 6. 8.41 6. 8.79 5.	6.70 5. 6.06 3. 5.94 2.		2.23 2.33 0.93	3.66 5. 3.51 9. 3.77 5.	.51 4.58 .07 3.81 .95 3.30	1.94 5.21 5.40 4.85 3.75 3.78	2.70 4.32 3.64 4.15 3.62 2.79	3.33	.56 1.44 .04 2.80 .88 1.81	2.95 3.14 2.14		1.36 5.		59.01 54.08 50.95	4.5.4	
739 530 506	REDSTONE ARSENAL MONTE SANO NO. 6 TONEY R	C-4 USWB C-4 TVA C-4 TVA	573 1600 825	25	3.86 4.76 4.37 6.66 3.14 6.09	6.16 5.48 6.75 6.11 4.43 5.49	9.45 5 10.89 6 8.54 5	5.56 3. 6.65 2. 5.65 3.				1			3.12		2.38 2.69 2.07			.50 43.44 .54 47.29 .97 35.06	1 49.05 59.01 49.24	7.7	
757 624 585	BETHLEREM NEW MARKET R ELORA		875 760 920	55.3 B	3.43 4.40 3.11 6.23 3.89 5.84	1.80 5.04 5.06 5.60 4.40 5.65	7.80 7.90.06 5.9.66 5.9.66	7.78 3. 5.99 4. 5.74 3.	3.75 5.67 4.37 4.69 3.83 4.56	1.36 3 2.96 3 1.30 3	3.60 3. 3.90 5.	.39 4.85 .40 3.68 .87 4.28	7.64 5.40 6.43 4.75 4.89 4.24	1.55 3.25 2.63 2.70 0.95 3.53	3.30	3.80 1.29 3.88 #1.91 3.52 1.93	3.10	2.48 4.13 1.46 4.65 3.67 4.51	1.46 4. 1.29 5. 1.28 5.	1.69 42.76 5.05 #46.98 5.31 41.88		6.0	
69 762 762A	FAINT ROCK R GARTE R ROUSSEAU BOLLOW R	C-4 TVA C-4 TVA C-4 TVA	635 650 655	30	4.03 6.06 4.43 5.82 4.51 5.88	6.97 6.05 7.42 6.06 6.99 5.71	10.84 6. 11.87 9. 11.65 9.	6.35 2. 9.45 3. 9.93 3.					5.19 4.58 6.87 4.70 5.35 4.19		2.52		2.51 2.73		0.96	.09 46.56 .93 #52.28 .96 46.41	24.94 3 58.70 58.70		
762B 762C 385	UPPER CLEAR CREEK R BINGEAM MOUNTAIN R SWALM	C-4 TVA C-4 TVA C-4 TVA	625 1640 665	7 72		#6.11 5.44 7.20 6.04 5.96 6.72								3.64 3.26 3.00 2.94 2.70 3.49	2.25 3.55	3.43 1.77 3.84 1.98 3.53 1.37	2.63 2.79 2.37	1.19 3.79 0.96 4.10 1.58 4.68				1.8	
78 479 187	HITOP, RADIO ARAB	C-4 TVA C-4 TVA C-4 TVA	1615 1785 1062	18	4.85 6.43 4.0 5.4 #3.88	9.35 6.49 5.9 6.3 7.29	11.58 7. 9.5 7. 10.91	7.08 3. 7.1 3.	3.80 5.49 3.4 5.1 5.54	4.10 4.00 4.09 1.98					2.37 2.9		2.89	0.97 5.02 1.9 5.1 2.07			55.2	9.5	
*	Interpolated or partly interpolated	(R)	Recorder a	t presen	ų																		

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TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING

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Sta. Stat!	S4 BETHEL 75A SBORE 3R2 PULASKI	382a PULASKI WATER PLANT 56 LYNNVILLE, NEAR 777 DIANA, NEAR R	57 COLDWATER 581 BOONSBILL 58A FATETTEVILLE	58 FAYETTEVILE 605 BELLEVILE 383 PETERSBURG	774 BELFAST SUBSTA 582 LYNCHBURG 60 HELVIDERE R	61 TULLAROWA 450 WINCHESTER SUBSTA 450A WINCHESTER R	701 BILLSBORO 776 ELKHEAD R 472 MONTEAGLE	TO CUNTERSVILE BAM 403A CUNTERSVILE R 71 CUNTERSVILE	765 CUNTERSVILLE EVAP 763 HUSTLEVILLE 72 ALBERTVILLE	482A BOAZ 524 SAND MT. STATE FARM 483 COLLINSVILLE	515 LEESBURG 75 SOUTH BILL 79A FT. PAYNE	80 VALLEY HEAD 746 RAINSVILLE 386 SYLVANIA	76 SCOTTSBORO 76A SCOTTSBORO SUBSTA 695 PLEASANT GROVE SCHOOL	FLAT ROCK R IDER WIDOWS CREEK	83 BRIDGEPORT 759 SMITHTOWN, TENN 84 SEWANEE	85 LOCKEART TOWER 86 DUNLAP 438 CAGLE R	389 COLLEGE JUNCTION 768 PIKEVILLE 390 LITTON	768 NICKAJACK DAM SITE 452 BALES BAR DAM 692 SIGNAL MOUNTAIN	669 RISING FAWN 391 LOOKOUT MOUNTAIN 498 CHATTANOOGA AIRPORT	566 CBICKAMAUJA PARK 722 KENSINGTON 82 LAFATETTE	761 NICKAJACK GAP F 721 RINGGOLD 392 TUNNEL BILL	396 DALTON	GANET FORK ABOVE ROCK 88 ROCK ISLAND POWERBOUSI 439 DIRRELL 440 IRVING COLLEGE	441 ALTAHONT 441A ALTAHONT, RADIO 87 MCMINNVILLE	
Station Name and Location		PLANT				STA		M. CUNTERSVILLE	vap sta	FARM			STA	STEAM PLANT	2		NC	SITE R	IN PORT R	RK	œ		VE ROCK ISLAND		r partly interpolated
Index	# H H H	C-33		6-5 6-3 6-3	5-5-5 6-5-5	0-1 0-1 0-1	0-3 0-3	C-14 C-14 C-14 C-14	777	7-0 1-0	77-0	1-0 1-0 1-1	1-0 1-0	1-0 1-0 1-0	D-0 0-3	D-3 D-3	D-3	D-3	1-0 1-0 0-3	1-0 1-0 1-0	7-0	4-10	D-3	0-3 0-3 0-3	ted
Owner	TVA	USWB USWB TVA	USWB TVA TVA	USWB TVA TVA	AVT AVT AVT	USWB TVA TVA	TVA TVA USWB	TVA TVA TVA USWB	TVA TVA USWB	USWB API USWB	USWB TVA USWB	USWB TVA TVA	USWB TVA TVA	TVA TVA	USWB TVA TVA	TVA TVA TVA	TVA USWB TVA	TVA	TVA TVA USWB	TVA	TVA TVA	USWB	TVA AVI	TVA TVA USWB	
Elev.	650 920 721	658 744 755	626 675 700	695 755 826	970 970	1065 960 990	1060 1042 1920	611 625 618	605 995 1060	1010 1195 755	636 1120 920	1010 1320 1405	680 660 640	1400 1540 625	690 670 1920	2225 715 2120	870 486 980	678 650 1720	820 1970 671	760 850 810	1280 815 885	800	900 950 1050	1920 1920 1015	Recorder a
Yrs of Record	31 8 27	77	70 24 14	25.	30 54	79 26 10	16 5 26	30 27 55	999	888	300	79 10 27	19 17	27 10 16	25.25	845%	27 25 27	26	19 35 87	824	สถะ	28	2%%	26 14 83	t present
	1.04 3.58 2.91	2.91 3.78 3.54	4.21 3.59 4.19	3.66	3.66	3.83 3.17 3.22	\$.6. \$.6. \$.8.	2.95 2.64 2.75	2.60 3.38 3.61	3.28 2.98 2.77	2.47	3.67	#3.82 3.71 3.29	3.12	3.99	3.93	3.64 #3.76 4.39	3.50	2.97 3.28 3.51	3.32	#3.04 2.91 2.97	2.77	3.89	3.93	
JANUARY Total Nor'l	6.11	3.86	6.11 6.34 5.06	5.47 6.39 6.32	6.39	6.02 5.78 4.50	5.24	5.51 5.71 5.76	4.96 5.89 5.66	5.43	6.15 6.02 5.81	5.40	5.93 6.05 5.30	5.24 5.55 5.71	5.85 5.63 6.46	6.59	5.40	5.36	5.50 6.08 5.61	5.75	4.85 5.16 5.30	5.75	5.84 5.68 6.4	6.33	
FEBRUARY Total Nor	5.13 4.36 3.84	5.22	#4.31 3.86 4.69	4.23 4.49 3.69	3.98	3.95	3.93	6.80 6.65 7.16	6.69 5.89 #4.73	5.17 5.12 4.84	5.93	4.50 6.32 7.16	8.80	6.98 9.22 5.93	5.25	5.68 4.24 4.90	3.54	4.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	7.36	4.7 5.94 5.21	48.4 4.35 4.89	5.8	3.39	4.15 4.3 2.94	
UARY Nor'l	6.03	5.15	5.80 6.12 5.36	5.53 6.24 6.43	5.97	5.87 5.43 5.25	5.52	5.50	5.01 5.02 5.65	5.58 5.70 5.83	5.59	5.58 5.83 6.10	5.93 6.14 5.62	5.72 6.98 5.78	5.63 6.30	6.32 5.63 5.65	5.64	5.51	5.41 6.21 5.37	5.76 5.87 5.66	5.32	5.83	5.63	6.27 5.8 5.64	
MARCE Total No		9.64 8.24 9.16	7.55 8.65 8.22 6		8.40 #7.89 6	7.26 6.86 9.26	7.14 5 8.85 10.78 6	9.45 6	10.16 8 10.05 8 #8.93 6	#8.33 6 9.86 6 9.75 6	9.29 6 10.20 6 10.16 6	10.84 10.54 10.40	12.78 6 13.27 6 10.15 6	10.76 5 11.78 7 15.47 6	10.60 11.00 10.67	14.12 7 11.48 6 9.64 6	9.69		10.47	10.80	8.68 9.41 8.58	9.70	9.57		
H Nor'l Te	6.34 8.34 5.99	6.07	5.97 6.07 6.26	5.36	5.65	5.73	5.93	6.06				5.70	6.26 6.60 6.60	5.92	5.83 8.96 6.76	7.07 6.20 6.16	5.73		4 06.9	5.95	5.36	6.03	5.62 1		
APRIL Total Nor'l	3.85 4.89 4.41 5.43 4.46 4.53	3.73 5.72 5.16 4.69 4.77	5.54 4.38 3.89 4.49 3.74 5.30	3.62 4.23 4.40 4.71 5.64 4.54	6.77 4.93 4.50 3.25 4.43	3.63 4.44 3.49 4.39 4.78 4.92	2.80 4.82 3.13 4.39 5.35	4.65 4.82 5.51 4.88 5.52 4.98	5.59 6.98 5.61 6.73 6.05 4.56	3.87 4.87 3.29 5.14 4.53 5.08	5.25 5.54 3.78 5.44 4.02 5.1.	4.13 4.82 4.39 5.72 4.41 4.86	3.45 4.76 3.39 5.23 3.00 4.53	3.27 4.36 3.99 6.14 4.05 5.32	3.30 4.38 2.71 5.26 4.46 5.47	3.57 5.60 3.14 4.99 3.06 4.94	2.92 4.32 3.53 5.61 4.50	3.17 3.07 5.83 5.55	4.07 4.90 4.35 5.00 2.87 4.29	3.90 5.55 3.82 5.07	3.57 4.81 3.73 5.53 3.59 4.45	3.96 5.00	4.39 4.2 4.90 4.12 3.35 3.91	2.78 5.16 2.4 5.5 5.72 3.83	1
Tota	39 1.08 13 2.70 53 1.06	72 1.02 59 2.68 2.13	38 2.82 1.30 30 1.47	23 1.35 71 2.24 54 1.38	1.72 50 3.13 53 2.00	1.32 19 1.32 1.32 1.32	3.17 1.81 15 1.25	32 0.55 38 2.06 88 #2.47	% 00.00 00.00 00.00 00.00	37 0.97 1.13 1.15	11.70 10 0.87 13 2.26	22 1.47 22 1.16 36 1.14	76 1.98 1.29 13 2.87	00.00 11.64 12.2 2.64	18 2.70 26 1.38 17 2.30	50 1.66 99 2.45 94 3.10	5.34 5.80 5.80 5.80	2.34 3.75 3.75	2.58 20 2.58 29 1.65	7 1.38	31 1.04 53 1.04 55 0.86	00 1.50	86.30 3.44.8	.6 4.00 3 3.8 33 5.98	
MAY		3.46 58 4.08 13	3.91 10 3.91 17 4.57			29 3.76 19 3.63	3.87		3.65		70 3.42 77 3.91 6 3.46	7 3.60 6 3.04 4 3.67	18 3.80 19 3.69 17 3.85		0 3.71 8 3.59 10 4.15	5 4.02 5 3.42 0 3.65	3.76		14 3.36 18 4.16 15 3.52	3.62 3.76 18 3.63	77 3.73 14 3.59 16 3.94	3.96	3.18	1 3.90 3.90	
JUNE	3.46	4.19 5.15 4.73	3.60	3.55	5.30 6.67 3.87	3.76	5.62 5.31 8.95	5.45 7.71 9.30	8.12 6.35 4.64	4.38 5.26 5.97	3.89	7.38 5.99 5.89	8.06 8.17 3.92	6.00	3.67 4.12 8.63	6.97	47.4 5.90 5.40 5.40	3.31	6.81	7.38	5.34 5.34 5.55	5.08	5.98 6.11	6.12 5.6 6.77	
E Nor'l	3.31	3.60	3.34 3.44 3.13	3.31 3.92 3.79	3.80	3.83	4.01	3.39	3.88	4.16 4.16 3.97	3.82 4.10 3.94	3.82	3.90	3.56	3.57	4.54 3.76 3.91	3.87	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.69	4.04 3.93 4.16	3.93	4.12	3.82	4.45 4.2 4.12	
JULY Total No	7.30	6.74 5.49 4.27	4.18 4.54 3.34		2.96 3.81 4	3.36 5	5.47 4 7.34 3.78 5	2.15	2.28 3	1.78 to 3.11 to 4	7.12 4 3.64 1.88	3.70	4.30	5.93 4.17.4	2.81 4 6.68 5 3.77 5	3.95	6.04	5.86 5.41 5.32	3.34 4.30 5	3.03	4 88.4	4 66.4	5.76	5.77 14 #5.3 14 10.36 14	
or'1	5.01	4.19	4.15 4.15 4.16	5.57	6.45	5.07	1, 94, 1	3.94	3.92		4.95 4.55 14.59	6.59 3 5.14 4 6.43 3	5.49 5.21 5.47	3.93	5-53	6.42 5.39 4.74	5.46	71.47	5.01	4.90 4 4.43 3	4.66	7 68.4	4.82 1.63 1.40	84.4	
AUGUBT Total Nor	1.42 3.4 5.27 3.2	2.19 3.4 3.02 3.4	2.86 3.6 2.72 3.6	1.96 3.7 3.23 2.9 2.16 3.8	2.02 3.36 2.63 3.3	5.24 3.4 2.10 3.4 3.56 3.5	1.12 3.4 4.29 4.02 4.	2.00 3.0 0.73 3.0	1.41 3.3 6.02 3.3 2.39 4.0	3.43 2.94 5.19 3.	2.49 3.16 3.4.22 3.16 3.16 3.16 3.16 3.16 3.16 3.16 3.16	3.35 3.6	3.56 3.6	2.15 3.3 3.03 3.	8.88 3.26 3.26	3.46 4.0 3.25 3.0 2.64 4.3	2.61 3.7 3.42 2.23 4.0	1.79 1.98 2.3	1.85 3.0 5.78 3.0 3.55 3.0	3.20 2.4.72 4.72 4.	2.86 3.5 5.23 3.5 5.90 3.6	7.08 3.0	2.71 3. 1.97 3.6 0.93 3.4	2.55 3.	
1 To	3.46 2.01 3.16 2.91 3.83 3.06	3.23 3.13 3.82 3.28 2.88	3.68 2.67 3.80 1.89 3.39 2.77	3.70 2.66 2.91 3.74 3.81 2.69	3.26 4.60 3.50 3.60	3.45 4.58 3.46 3.72 3.26 5.90	3.20 6.03 5.32 4.16 4.43	3.61 2.05 3.61 3.78 3.61 3.79	3.20 3.87 3.74 2.23 4.01 1.72	3.79 2.49 3.79 2.75 3.77 2.72	3.41 2.77 3.55 2.28 3.58 3.31	3.87 2.84 2.66 2.96 3.10 4.46	3.63 3.47 3.42 5.10 2.92 1.81	3.21 4.13 3.33 4.22 2.87 4.61	41 4.73 88 3.76 77 6.08	4.69 5.28 3.60 5.31 4.14 4.63	3.70 2.80 5.22 4.05 4.63	5.33 3.25 5.41 3.25 5.01	3.29 3.77 3.71 4.76 3.76 4.47	3.36 4.69 2.62 3.46 4.12 4.28	3.23 3.72 3.52 3.46 3.87 #3.70	3.94 4.91	3.57 3.62 3.62 2.95 3.49 #5.18	3.71 6.43 2.9 5.9 4.12 4.09	
SEPTEMBER	3.63 3.55 3.55		57 3.65 39 3.88 77 3.39		35 4.47 50 3.48	3.36 3.73 3.73 3.73 3.73	32 4.05 32 43 3.59	2.93 78 2.93 3.00	1	1		3.10 2.80 5.80 5.337		13 3.10 22 4.74 51 3.97	73 3.35 76 3.05 3.52	28 3.07 31 2.86 53 3.61	3.38	33 41 2.89 31 4.14	77 3.48 76 3.52 17 3.10	59 3.85 46 3.49 88 3.70	72 3.50 46 3.18 70 3.65	3.23	52 3.57 95 3.61 18 3.29		
OCTOBER Total Nor	1.88 2.07 1.79	1.91 2.28 1.54	0.93	1.28	1.22	1.94	1.73	2.35 1.80 1.53	1.81	1.32	2.21	1.64	1.16 0.73 1.98	3.7.5	0.64 1.68 2.17	2.1 1.3 1.83	#1.37 0.59 1.29	0.57	1.58 2.66 1.03	3.75	2.13 1.54 2.30	2.19	1.57	1.96	
-	2.67	2.79	2.96 2.30 2.73	2.66 2.40 2.41	2.38 2.38	2.56	2.22	2.33 2.31 2.37	1.90 2.91 2.91	2.17 2.49 2.45	2.49 2.53	2.95	3.10 2.62 2.59	2.15 2.57 2.29	2.90 2.96 2.96	3.18 2.65 2.74	2.53	2.33	2.31 3.06 3.02	2.90	2.56	2.83	2.43 2.09 2.08	2.37	
NOVEMBER Total Nor'l	4 4 69 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2.49 4.2	2.71 4. 3.57 4. 2.53 4.		3.20 4.23 2.43 4.5	3.57 4. 2.19 4. 1.96 4.	3.50 4.3.60 · 4.3.25 · 4.3	0.85 k. 1.74 k.	1.88 4. 1.73 4. 1.76 4.	2.22 t. 1.13 t. 2.47 t.	2.76 4. 1.43 4. 1.52 4.	2.18 3. 1.99 5. 2.34 4.	1.37 4. 1.32 4.	1.30 h. 1.64 5. 2.50 h.	2.59 4. 2.59 4.	2.57 t. 3.09 t. 3.46 t.	2.69 4. 3.00 3.10 4.	2.54 2.47 3.07 4.	1.54 t. 3.93 t. 1.48 3.	2.88 4. 1.22 4. 1.38 4.	1.24 3. 2.41 4. 1.65 4.	1.55 4.	2.44 3.45 3.45 3.45 3.45	5.49 4.1 4.1 4.1 2.67 3.	
11 To	4.55 1.1.4.95 1.1.		4.14 1. 4.34 1. 4.36 1.	4.22 1.13 4.02 1.20 4.41 #1.11	1.08 4.64 #1.12 4.09 0.89	4.10 1.4 4.12 0.4	4.47 0.62 0.88 4.67 1.53	4.02 1.05 4.06 1.04 4.10 #1.23	1.086.4	4.26 1. 4.24 0.	4.10 1.41 4.10 2.09 4.04 0.80	3.95 1. 5.16 1. 4.39 1.	4.12 4.40 3.99 0.3		4.01 0.80 4.01 0.84 4.89 1.23	4.96 0.09 0.14 0.14	#0.95 #0.84 #0.44 #0.70	4.10 0.57 4.57 0.93	4.01 0.88 4.62 0.97 3.65 0.86	4.08 0. 4.13 0. 4.18 0.	20 00.	4.25 1.	3.56 0.0		
OECENGER tal Nor'l	52 4.88 43 5.01	1.16 4.53 1.26 5.04 1.15	1.24 5.34 1.27 5.41 1.10 4.88	13 4.90 20 4.67 11 5.08		1.06 5.48 0.60 4.97 0.82 4.70	52 5.10 38 53 6.23	05 4.48 04 4.73 23 4.88	1.08 5.18 1.45 5.05 1.51 5.17	1.16 4.99 0.76 5.52 1.18 4.90	11 5.19 09 5.17 30 4.75	1.08 4.81 1.20 4.48 1.17 5.13	1.06 5.38 1.02 5.20 0.77 4.88	0.90 4.57 1.06 4.64 1.02 5.04		0.95 5.88 0.91 5.20 0.87 5.23	95 5.00 84 70 5.39	77 57 4.97 5.54 5.54	97 5.26 97 5.26 96 5.19	0.85 5.06 0.74 4.75 0.97 4.91	1.00 4.97 0.74 4.68 1.00 4.82	1.09 4.85	0.70 4.93 0.76 4.67 0.14 63.00	1.20 5.59 0.8 4.9 0.93 5.08	
Y E Total	41.30 51.55 46.99	43.93 47.45 43.87	#42.62 #44.13 40.39	39.20 45.16 #41.45	46.94 489.94 #39.00	45.52 37.40 48.56	44.67 48.60 55.70	40.30 46.41	47.71 49.49 #43.70	#41.59 37.95 45.18	47.23 41.45 42.86	46.78 49.55 74.87	#55-35 56-53 #43.05	15.97 25.62 24.62	45.53 52.81 55.66	53.27 50.64 49.51	#46.68 #51.26 #55.92	48.48 45.47 55.06	15.98 53.60 53.60	51.13 45.41 44.86	443.01 45.00 45.00	99.06	50.56 149.96	53.56 #48.1 55.77	
A R Nor'l	55.17	£3.	22.2	222	55.98		53.37	1,9.88 50.67 51.70	55.35 57.82 53.21	25.93	55.03 54.64 72.81	53.49	55.41	1,9.12 59.37 54.36	52.36 59.02 59.76	62.34 53.81 74.56	52.24	49.86 60.23	50.90 57.53 51.96	52.48 55.23	52.94 53.39	89*45	52.46 51.82 46.99	52.5	

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TEN	TENNESSEE VALLEY AUTHORITY	ORITY							ANNU		AL 1965	5 PR	ECIP	ITATIC		PRECIPITATION—In Inches	Sé			ቯ	DIVISION	OF WATER	NTER CO	CONTROL PLANNING	Z Z	20 <u>9</u>
Ste.	Station Name and Location	Index Owner		Elev. Rec	Tre of Record To	JANUARY Totel Nor'l	ĕ	FEBRUARY	MARCB Totel N	CB Nor'l	APRIL Totel No	IL Nor'l Tot	MAY Totel Nor'l	JUNE	S Nor'1	JULY Totel Nor'l	AUGUST Totel Nor'l	E	SEPTEMBER	OCTOBER Total Nor'l	HOVE	5	DECEMBER Total Nor'l	YEAR Total Nor'l	Depth Snow	
	CANEY FOR				11		-					П							11						11	
878 442 443	FB MCMINNVILE PROUSDALE SUMMITVILE R	D-3 TVA D-3 TVA D-3 TVA		980	26 3 4 26 3	3.74 5.96 4.23 5.66 3.62 5.83		2.78 5.70 2.89 5.68 2.60 5.88	8.07 8.98 7.17	5.30	4.89 3 4.90 4 3.93 4	3.95	3.88 3.82 6.20 3.61 2.52 3.72	7.72 51 5.77 5.04	3.86	7.62 5.10 5.07 4.05 4.19 4.26	0.96 1.34 2.95	3.81 4. 3.95 3.	4.08 4.24 3.40 3.57 2.89 3.55	1.76 2.10	2.36 2.91	3.81 0 3.92 0 3.99 0	0.85 4.82 0.69 4.73 0.89 4.93	48.71 52.72 46.87 50.75 40.72 51.49	6.9	2.0
432 432 432A	PROCKY RIVER SPARTA SA SPARTA, NEAR	D-3 TVA D-3 TVA D-3 USWB		900	26 4 49 3 26 4	4.57 5.54 3.65 5.97 4.01 5.96		3.06 5.72 2.88 5.51 3.52 5.55	8.87 8.06 8.95	5.72	4.12 4 6.93 4 6.11 4	4.28 4.56 4.56 4.45	4.23 3.62 4.81 3.95 6.39 3.78	52 3.99 7.17 78 6.54	4.53 4.06 4.16	5.65 5.12 6.69 4.64 7.89 4.79	1.40 th 2.88 3	4.51 3. 3.94 5. 3.38 4.	3.95 3.78 5.38 3.69 4.20 4.14	2.75 2.33 2.01 2.27	3.22	3.96 0 4.15 0	0.75 4.84 0.69 4.89 0.85 4.67	45.80 53.90 54.47 53.41 #55.18 52.84	7.1	
433 165 434	TAYLORS MONTEREY FASTLAND	D-2 TVA D-2 USWB D-3 TVA		1900	34 84	3.21 5.92 4.18 6.66 3.41 5.97		2.84 5.40 3.20 6.00 3.16 5.87	8.09 #8.47 10.09	5.67 6.16 5.88	7 77.7 7 78.7 7 78.7	4.23 5.4.92 3.4.78 5.	5.60 3.68 3.99 4.17 5.98 3.73	5.42 7 4.47 13 6.57	26.4 26.4 26.4	5.51 4.77 5.18 4.88 7.36 4.74	1.34 3 1.51 4 3.78 4	3.37 6. 4.57 3. 4.30 5.	6.58 3.96 3.36 3.71 5.94 3.52	1.85 2.35 2.38 2.85 2.51 2.80	2.65 2.88 2.60	4.29 0 4.70 0	0.77 5.04 0.71 5.35 0.89 5.46	48.28 53.00 #44.67 58.89 57.87 55.99	25.21	a
435 436 436A	FALLS CREEK PARK A FALLS CREEK PARK, RADIO	D-3 TVA D-3 TVA D-3 TVA		1685 1500 1500	26 3 26 3	3.30 5.31 3.21 5.17 3.3 4.1		3.60 5.46 3.69 5.61 3.4 5.5	9.62 8.01 8.5	5.18 5.41 6.0	4.58 4 4.68 4 4.1 5	4.33 6. 4.37 5. 5.0 5.	6.53 3.36 5.58 3.55 5.8 3.5	56 6.47 55 4.04 5 3.9	3.89 3.98 3.9	6.93 4.79 9.22 5.49 8.9 5.4	3.27 3 2.75 3 2.6 3	3.66 3. 3.97 4.	3.56 3.17 4.19 3.37 4.5 3.8	1.53 2.22 1.28 2.37 1.2 2.4	3.05	3.69 0 3.96 0 4.5 0	0.40 4.74 0.63 4.99 0.5 4.3	52.65 49.80 50.33 52.24 49.6 51.8	11.6	
	TENNYS SEE BIVER - CHICKAMAUGA T	TO WATTS BAR																								Γ
900 1430 393	CBICKANAUGA DAM OOLTEHAB LEWIS CRAPEL	D-3 TVA D-3 TVA D-3 TVA	,	700 765 1850	30 26 33 27	3.21 6.12 3.95 5.68 3.72 6.23	12 4.95 68 4.22 23 #4.60	.95 5.72 .22 5.65 .60 6.11	10.43 11.13 11.19	5.99	3.06	4.90 t. 4.34 1. 5.05 3.	1.80 3.49 3.77 3.93	72 5.32 19 5.94 13 4.79	4.02 4.01 4.35	6.01 h.86 5.71 h.89 4.36 h.98	2.70 6.42 3.10	3.43 3.84 3.99	3.78 3.25 5.60 3.20 4.63 3.51	1.90 2.84	2.85	4.29 0 3.88 1 4.62 0	0.81 5.29 1.25 4.95 0.75 5.75	50.03 54.43 54.41 52.62 #48.20 57.96	2.7	.
685 420 92	FRIENDSBIP SCHOOL MORGANTOWN MORGAN SPRINGS	D-3 TVA D-3 TVA D-3 TVA		725 1	18 3 26 3 31 4	3.77 6.26 3.27 5.67 4.06 6.31		4.98 5.86 4.54 5.70 4.70 6.06	10.25 10.86 11.46	7 9 9	4.38 th	4.84 2.54 2.34 2.34 2.34 2.34 2.34 2.34 2.34 2.3	2.23 3.62 3.34 3.63 2.61 3.90	5.36 53 6.22 50 6.18	4.34 4.23 4.49	4.34 5.13 4.24 5.21 6.03 5.46	2.70 3 2.50 3 2.62 4	3.78 h. 3.88 h. 4.46 3.	4.85 4.00 4.83 3.47 3.62 3.40	2.09 2.68 1.17 2.57 2.23 3.16	3.03	4.83 0 4.29 0 4.76 0	0.82 5.31 0.65 5.43 0.80 5.45	1,8.80 57.86 1,8.19 55.34 50.84 59.25	0.4	
751 747 427	1 DAYYON 7 BOGGE CROSSROAD R 7 RIDDLES SYORE	D-3 USWB E-3 TVA E-3 TVA		864 780 1020	9 3 26 3	3.60 4.70 3.45 4.32 3.81 5.46		4.57 5.43 3.69 5.76 4.21 5.67	10.60	7.22 6.36 5.81	3.61 5 4.87 5 4.47 4	5.76 3. 5.22 2. 4.30 2.	3.18 3.30 2.68 2.74 2.01 3.60	6.76 44 5.81 50 7.09	4.73 4.15 3.66	3.77 4.55 5.84 4.95 5.50 5.14	2.10 3 1.07 3 3.52 3	3.42 5.36 3.08 2.96 3.80 3.34	36 4.10 96 3.93 34 3.44	0.95 2.47 1.17 2.46 1.13 2.90	2.97	0 97.1	45.4 97.0 4.88 4.88 0.74 4.94	48.85 54.68 45.47 52.09 #50.48 52.75	3.3	
	TEMPESSEE RIVER - WATTS BAR TO	KNOXVILLE																								1
421 756 157	WATTES BAR DAW SEMETER R RODDY R	E-3 TVA E-3 TVA E-3 TVA		830 1880 765	30 33	3.61 5.62 3.75 4.65 3.68 5.64		3.65 5.69 3.80 5.40 3.82 5.71	10.93 9.46 10.31	5.90 7.06 5.64	5.96 th	4.65 2.45 4.65 3.4	2.91 3.64 4.71 3.42 3.93 3.49	3.92 2. #4.69 19 4.71	3.81	5.24 5.15 5.33 5.39 6.94 5.12	1.78 3 2.02 3 1.56 3	3.30 4. 3.44 4. 3.16 5.	4.35 3.55 4.05 3.50 5.25 3.14	1.22 2.73 1.35 2.00 1.49 2.58	3.30	4.14 0 4.25 0 4.09 0	0.47 5.24 0.67 4.63 0.71 5.54	46.68 53.61 #47.52 53.00 49.54 52.20	F.4	
479 4798 795	ROCKWOOD PB ROCKWOOD MT. ROCKSTI	E-3 PRIV E-3 USWB E-3 TENN	PRIVATE 9 USWB 9 TENN 20	930	147 33	3.82 5.75		3.58 5.70 3.73 ESTA	10.13 10.75 B L I S	5.75 EED J	4.39 4 4.37 ULY 1,	1965	3.60 3.89 3.90	39 5.74 6.24	3.75	5.59 5.54 4.57 5.69	2.59 3 2.15 2.42	3.37 4.07 3.14 3.25	07 3.40 14 25	#1.69 2.51 #1.77 17.11	2.43 2.43 2.19	4.21 0	0.79 5.53 0.86 0.75	#48.40 53.98 #47.80	4	
426A 490 637	SA LENDIR CITY DORT LOUDOUN DAM R T U S COTTON FIELD STA	E-3 USWB F-3 TVA F-3 USDA		780 880 885	71 th	4.57 5.28 4.37 5.53 4.55 5.23		3.76 5.26 3.19 5.54 3.84 5.18	11.35	5.39 5.31 5.42	4.22 3 4.10 4 3.56 3	3.95 k. 3.95 3.	4.03 3.65 4.03 3.51 3.54 3.72	55 4.02 11 3.89 12 4.62	3.39 2.98 3.77	6.26 5.05 5.68 5.32 3.28 5.04	4.28 3.06 2.65 3	3.68 2.75 2.3.15 2.	2.65 3.17 2.44 3.21 2.48 2.79	1.84 2.81 1.29 2.54 1.61 2.56	3.03	3.69 0 3.82 0 3.83 0	0.64 4.86 0.52 4.78 0.52 4.46	50.65 50.18 45.33 49.30 41.73 49.10	7.0	
409 394 716	KNOXVILLE AIRFORT R PROVIDENCE HILDWOOD, NEAR	F-3 USWB F-3 TVA F-3 TVA		984 1100 885	27 3	3.94 4.88 3.85 4.92 3.69 5.00		3.25 4.81 2.91 5.26 3.35 5.58	9.31 8.09 10.83	4.73 5.28 5.98	4,16 3 3,59 3,4	3.70 3.65 4.36 3.	3.13 3.50 2.89 3.47 3.20 3.33	10 4.84 17 4.34 13 7.61	3.33	3.49 4.82 5.11 4.50 5.32 4.35	2.18 3 2.99 3 2.74 3	3.46 %. 3.46 4 3.16 3.	2.48 2.54 4.15 2.58 3.64 2.88	1.08 2.61	2.50	3.24 0 3.74 0 4.35 0	0.45 4.23 0.50 4.15 0.46 4.59	40.81 45.85 42.79 47.06 49.29 50.32	17.6 15.0 8.5	
715A 473A 651	A TOWNSEND R A UNIV TERM FARM LISIMETER PLOT I UNIV TERM GEOLOGY BLDG	F-3 TVA F-3 UT		1070 850 11 974	125 #3 146 44 195 4	#3.27 4.85 4.71 5.05 4.74 5.03		3.40 5.19 3.21 5.30 3.36 5.05	8.98 8.93 #9.48	5.55 5.32 5.08	5.00 4 4.25 4 4.05 3	4.86 4.03 3.92 #3.92	4.29 3.97 3.83 3.75 #3.64 3.62	3.02 3.37 3.01	4.61 3.89 3.75	3.42 4.92 3.91 5.63 4.18 5.17	4.67 3 2.51 3 2.55 3	3.87 2.89 3.33 3.20 3.27 3.24	89 2.80 20 2.73 24 2.68	1.41 2.39 1.51 2.48 1.71 2.45	3.00	4.14 0 3.83 0 3.69 0	0.35 4.03 0.59 4.50 0.47 4.19	#43.70 51.18 42.32 49.84 #42.61 47.90	26.0	
207A 655	7A KNOXVILLE (UNION BUILDING) R	F-3 TVA F-2 TVA		1010 1	16 4 21 4	4.10 4.78 5.12		3.02 5.54	8.41 9.13	5.56	3.83	4.14 5.	3.40	2.98	3.79	5.45 4.77	2.49	3.60 1.	2.82 1.72 2.94	1.46	2.01	3.89 0	0.45 4.67	38.72 45.05 50.18	50.0	
	CLINCB RIVER BELOW NORRIS DAM																									
158 712 484	MINOSTON STEAM PLANT R BARRIDAN R	E-3 USWB E-3 TVA E-3 TVA		760 760 765	74 #3 115 #3 144 3	#3.15 5.27 3.12 4.50 3.23 5.44	27 #3.03 50 2.88 44 2.90	.90 5.35 14.81 90 5.41	10.82 9.23 8.93		4.62 4 3.50 3	4.12 3.94 2.4.4.16 4.16	3.50 3.58 2.76 2.92 4.30 3.98	88 4.69 82 3.74 88 4.68	3.45 3.39 4.03	6.68 4.49 4.90 4.03 4.13 4.93	#2.06 th	4.03 1.51 2.76 2.26 3.46 4.07	51 2.88 26 3.32 07 3.14	1.27 2.59	2.32	3.84 1 3.72 0 4.08 0	1.02 4.95 0.88 4.90 0.93 5.16	#45.18 49.76 38.83 45.86 #41.71 51.80		
167 160 1485	7 PETROS D PILOT MOUNTAIN S SUMBRIGHT R	E-2 TVA E-2 TVA E-2 USWB		1400	31 5	5.24 6.43 3.68 5.40 3.30 5.16		3.58 6.10 2.75 5.20 1.98 4.61	9.44	6.18 5.25 5.09	5.43 4.31 45.43	3.96	3.95 4.22 4.05 4.01 3.17 3.46	3.10 3.10	3.80	10.02 5.39 4.87 4.77 4.83 4.26	5.15 4 1.42 4 #3.69 3	4.55 3.58 4.36 3.03 3.73 #4.27	58 3.63 03 3.06 27 3.36	1.75 3.00	3.43	3.63 #0	#0.66 6.00 0.42 4.69 #0.64 4.62	#56.45 59.92 42.01 50.69 #41.97 49.05	13.0	
164	4 CLARKRANGE 9 HEBBERTSBURG 3 CROSSVILLE, NEAR	D-2 TVA E-2 TVA D-2 USWB		1790 1770 1920	233	4.56 5.57 #4.39 5.46 #4.16 5.83		2.77 5.13 3.13 5.59 3.06 5.62	7.53 9.21 9.16	5.42	4.5.4 4.03 4.18	4.26 5. 4.45 4.	5.77 3.73 4.65 3.83 6.48 3.90	73 5.80 33 4.96 90 3.97	3.92	8.05 4.72 8.11 5.34 5.90 4.66	1.35 3 4.83 3 3.18 4	3.99 4.00 3.91 2.80 4.40 4.40	00 3.28 80 3.45 40 3.40	3.28 2.42 2.19 2.67 3.25 2.83	2.59	4.01 4.26 0.4	0.63 4.56 0.62 5.00 0.81 5.48	\$1.15 \$1.01 #51.51 \$3.35 #52.20 54.00	15.9	
507 699 418	7 IANTANA R 9 BIG LICK 8 FRANKFORT	D-3 TVA D-3 TVA E-2 TVA		1910 1770 1475	25 16 3 26 3	3.60 5.60 3.55 5.96 3.48 4.96		3.06 5.36 3.72 5.96 2.06 4.93	10.60 9.10 7.67	5.39 6.58 4.88	4.36 4 4.30 4 3.33 3	4.15 3. 4.94 #6.3	3.73 3.54 #6.23 4.05 2.81 3.49	50 6.11 50 4.48 19 2.26	3.95 4.65 3.64	5.72 4.20 7.57 5.27 7.54 4.82	2.91 3 2.91 3 2.23 4	3.30 h.39 3.64 h.36 4.91 2.48	39 3.27 36 4.29 48 2.68	2.07 2.35 2.66 2.68 2.11 2.52	2.53 3.13 2.47	3.89 0	0.67 5.25 0.59 5.65 0.35 4.41	49.75 50.25 #52.60 58.21 38.79 48.47	16.2	
4184 4174 166	BA FRANKFORT, RADIO 7A CROSSVILLE ALRPORT 5 CONCORD, NEAR	E-2 TVA D-3 USWB E-3 TVA		1862 1862 1000	26 3 12 3	3.2 3.8 3.61 4.60 4.50 4.88		3.25 5.49 2.91 5.03	7.3	5.5	2.7 4 4.98 5 3.10 3	3.89	2.5 2.9 5.79 4.11 3.25 3.21	1.8 1 5.79 11 3.84	3.5 94.4 3.29	6.5 4.2 5.23 4.71 4.19 4.75	1.8 2.41 2.43 3	3.8 2.3.3.67 3.01 2.01	2.1 2.9 3.59 3.14 2.40 2.76	1.9 2.4 1.59 2.84 1.57 2.29	2.0 2.65 2.42	3.6 0	0.3 3.6 0.94 5.44 0.61 4.36	34.0 45.0 48.88 54.92 40.71 46.30	24.4	
772 508 710	POWELL B PAULETTE D WHEAT R	E-2 TVA F-2 TVA E-3 C&CCCO		1060	25 4 17 4	4.75 4.96 4.22 6.08		3.44 2.79 5.14 3.42 6.39	10.95 8.26 11.29	5.15	3.76 3	3.81 5.4	4.64 5.16 3.60 2.75 4.48	3.86 50 1.95 18 4.49	3.86	9.78 5.90 4.02 7.47 5.62	3.94	3.34 1.	2.31 1.45 3.12 4.16 3.01	DISCO 1 1.97 2.24 1.34 3.18	1T. S.B.P 2.84	3.86 3.97	1 9 6 5 0.59 4.32 0.97 5.58	11.36 47.42	η.π	
676 770 785	6 OAK RIDGE, NEAR R 0 MELTON BILL DAM 5 BULL RUN STEAM PLANT R	E-3 C&CCCO E-3 TVA E-2 TVA		900 94.1 880	19 4 4	4.38 5.24 4.56 4.92	24 2.89 #2.85 2.92	.85 .92	10.98	5.44	5.08 4 3.87 3.53	4.14 3.	3.32 3.48 2.96 3.07	3.75	3+38	5.92 5.31 5.54 6.19	3.17 4	4.02	3.19 3.59 2.15 2.76	1.16 2.82	2.38	3.49 0	0.70 5.22 0.71 0.54	48.08 51.52 #42.86 44.32	10.5	
117 169 175	1 OAK RIDGE W B R 9 CLINTON TVA NURSERY 1 VASFER	E-2 USWB E-2 TVA E-2 TVA		905	19 4 77 4 28 3	4.17 5.94 4.87 5.59 3.74 5.32	94 2.89 59 3.24 32 #4.30	.89 5.80 .24 5.67 .30 5.41	9.92 9.83 #7.79	5.59	3.86	4.20 3 4.39 3	3.27 3.73 3.60 4.09, 2.80 3.60	73 5.75 99, 2.24 00, 4.76	3.24	7.54 5.95 11.74 5.05 10.79 4.51	2.76 th 1.81 3 1.48 3	4.62 3.01 3.82 2.01 3.32 1.25	01 3.30 01 3.42 25 3.24	1.08 2.67 2.06 2.59 2.10 2.21	2.92	3.77 0 4.34 0 4.32 0	0.67 5.90 0.76 5.13 0.48 4.91	47.84 54.71 48.97 53.48 #45.81 50.27	11.3 9.0 9.0	
321 323 323	1 NORRIS R LA NORRIS 3 NORRIS DAM	E-2 TVA E-2 USWB E-2 TVA		970 1066 875	7 25	4.27 5.28 4.41 4.23 5.30		2.87 5.21 3.55 3.13 5.26	8.34 8.17 8.48	5.30	1.04 3 1.32 3	3.91 2	2.98 3.71 3.35 3.09 3.82	71 3.26 3.70 32 3.51	3.88	6.95 4.24 7.83 4.07	2.02 3 2.01 1.82 3	3.53 2.09 2.51 3.70 2.65	99 3.06 51 3.21 65 3.21	1.90 2.30 1.91 1.99 2.33	2.26	3.93 0	0.48 4.69 0.56 0.57 4.71	41.65 49.04 44.76 42.93 49.59	8.0	
(#)	Interpolated or partly interpolated	lated (R)	Recorder	1	present																					

ANNUAL 1965 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING

	-			,	,			,				, ,				,		,							4-1
Depth of Snow (Inches)		13.5	14.5 9.5 10.6	21.5	15.2	22.9	25.2	22.5	23.0 23.0 16.3	21.5	20.2	30.1 38.0	18.0	17.8 20.3 18.1	22.5		23.8 25.3 16.9	16.2 32.4 17.0	18.5 19.5 22.1	16.9	18.0 21.0 19.5	31.1	18.7	19.5	
R R Nor'l		52.12 50.19 49.82	50.5%	49.30 50.79	19.12 50.14 50.30	51.12	51.22 45.52 45.71	47.27	45.48 47.54 45.13	45.00	41.53 42.04 44.31	43.75	44.97 46.15 44.75	45.47 47.98 47.61	43.83 42.69 46.14	42.06	45.47 40.79 43.24	41.60 44.53 42.25	42.94 41.65 41.06	18.44	41.45	50.88 43.36 40.60	79.04	41.48 36.66 45.80	
Y E A Total		43.90 43.90	41.84 36.83 36.81	46.49 39.63 34.68	38.61 38.24 39.92	40.20 42.58 41.23	34.69	\$37.77 37.55	37.19 43.14 36.76	43.29 1 40.00 38.35 1	32.52	36.48	39.57	41.29 41.54 437.63	40.76 38.73 39.76	#34.53	39.89 #47.20 37.35	34.10	36.61 37.33 37.26	39.70	738.86 38.27 42.15	19.66 37.09 37.57	35.34	#32.39 #42.83	
		50 #u 70 #u				76.			-40	**			_								781		93	252	
DECEMBER tal Nor'l		440	5 4.54 8 4.39	9 4.64 3 4.32 3 4.09	8 4.36 2 4.36 2 4.16	mma	1 3.84 8 4.30 3 4.13	8 5 4.26 3 3.89	1 4.14 0 3.89 7 3.40	8 3.25 0 9 3.03	0 2.95 5 3.08 4 2.95	3 3.02	60.4	4.14 5 4.11 9 4.16	0 3.81 8 3.48 6 3.89	8 3.63	1 3.50 2 3.18 8 3.24	3 3.25	0 3.45 6 3.40 1 3.21		3.19	7 3.95 2 3.43 4 3.00	ci ci	mam	
DEC		0.52	0.55	0.39	0.58	0.61	0.41	1.18	0.40	0.38	0.20	0.43	0.00	0.45	0.560	#0.58	0.42	#0.35 0.63 0.20	0.30	0.41	0.25	0.47	0.25 0.27 0.21	#0.23 #0.23	
MBER Nor'l		3.93	3.77	3.67	3.45	3.982	3.62	3.61	3.46	3.04	2.72 2.92 2.92	2.95	3.58	3.64	3.19	3.09	3.07	2.74 2.99 3.17	2.84 3.22 2.51	3.17	2.79 3.06 2.93	3.54 2.96 2.70	2.61	2.92 2.24 2.81	
NOVEMBER Total Nor		2.52	#2.34 2.05 2.57	2.14 2.13 1.82	1.87 #1.97 2.20	1.94	2.04	#2.87 2.76 2.81	2.43 2.39 #1.56	1.86 #1.48 1.24	1.18	1.26	2.77	2.79	3.36	#2.01	1.63	1.03	1.88	1.67	1.46	2.34	1.51	1.77	
Merr Nor'l		2.52	2.68 2.23 2.51	2.35 2.48 2.37	2.32	2.65	2.58 2.34 2.27	2.26	2.32	2.42	2.42	2.60	2.19 2.28 2.27	2.19	2.27 2.02 2.27	1.96	2.48 2.47 2.33	2.02	2.22 2.15 2.15	2.35	2.22	2.87 2.01 2.38	2.25	2.26 2.17 2.34	
OCTOBER Total Nor		72.01 1.98 1.85	2.40	2.61 2.88 2.90	2.43 2.41 2.41	2.26	2.05 1.98 #2.00	2.06 1.86 2.67	2.30	2.57 2.57 2.20	2.12 2.27 2.50	2.08	1.41	1.87	2.54 2.51 2.17	1.60	2.32	2.05	2.23 1.87 2.16	2,40	2.22	2.64 2.10 2.18	2.65	3.39	
-		3.19 # 2.87 2.60	.78 .93	2.57 2.94 2.89	2.72 2.76 3.01	3.70	3.11 2.60 2.66	2.68	2.50	3.07	3.06 2.73 3.13	8,8	25.5 27.5	25.92	.61 .43 .67	.31	2.79 2.45 2.92	97 52 52	69	-62	2.74 2.95 2.81	3.37 2.74 2.58	67	16,06	
BEPTEMBER		2.85 3. 1.54 2.	2.20 2.20	2.51 2.0.88 2.30 2.30	1.31 2	2.18 3 2.69 3 1.92 3	1.66 3 0.97 2 1.66 2	0.66	3.27 2.47 2.47	3.88 3. 2.76 3.	3.31 3. 1.90 2. 3.13 3.	2.98 2.	2.21 2.59 2.59 2.79	3.68 2.1.82 2.2	2.06 2.84 2.52.12 2.12	1.78 2.4.07	3.39 2.11.72 2.	1.52 2. 2.18 3. 3.22 2.	3.59 2. 1.82 2. 1.78 2.	2.77 2. 6.5	3.46 2.61 2.5	2.79 3. 1.79 2. 1.46 2.	1.58 1.25 2. 2.30 3.	2.57 2. 1.70 2. 2.16 2.	
1 Tot		*																		19					
UCUST Nor		4.13 4.14 5 4.102	3 3.92 3.47 2 4.17	3.78	3 4.07 8 4.24 2 4.21	3.36 5 4.96 1 3.79	3 3.10		9 2.81 8 4.02 1 3.87	4.48	3.62		3.38		3 3.49	9 6 5	4 4.21 2 3.30 5 4.29	5 4.17 0 4.32 7 3.05	3.58	5 3.84 B 16,		1.61 9 4.04 5 3.59	2 1 4.14 7 4.10	3.58	
AU		1.36 0.88 2.95	0.58	2.51	2.53 2.18 3.02	3.97	3.09	#3.13 3.33 3.61	3.09	3.97	3.92 3.84 5.39	1.98	2.55	1.53 2.39 3.32	3.28 3.14 3.82	2.69	3.64	3.36 4.30 3.57	3.34	3-85 A R C E	3.29	6.40 1.89 4.06	3.82 4.11 3.67	3.99 2.00 5.78	
LY Nor'l		4.64 4.73 4.72	5.20	4.27 5.25 5.14	5.42	5.72	6.09 4.16 4.04	4.63	4.45 5.13 5.62	5.10	4.87 4.42 5.36	5.02	4.38 4.32	64.4	4.80 3.93 5.26	4 R Y	5.06 4.60 4.81	4.29 4.81 4.60	4.94 4.11 5.55	4.60 EPORT JED M	4.39 5.47 4.99	5.64 5.18 4.17	79.4 4.87	5.14 4.36 5.96	
Total		6.72 9.59 8.65	7.99 10.69 4.13	13.05	3.52	5.17 #6.75 6.97	5.13 5.56 6.44	8.07 4.12 1.94	4.21 6.31 4.49	5.67 4.48 3.72	3.11 2.78 5.89	3.92	3.5 44.0	5.75	2.20	#4.06 A N U #6.41	4.95 9.05 4.79	4.34 4.17 5.34	5.34 5.58 7.17	L. L. NO RU TINU	5.29 4.99 7.57	6.67 4.62 6.28	5.75 4.65 4.26	#4.83 4.03 7.00	
0.1		5.16 4.24 4.50	3.82	4.50	4.23 4.21 4.50	4.26 4.71 3.86	4.55 3.61 3.58	3.84	3.44 4.03 3.81	4.37 4.47	3.34	4.26	3.48	3.26 3.76 3.78	3.18 3.55 3.50	3.57 UED J	3.80	3.73 4.07 2.94	3.34	3.92 CON	3.73 3.97 4.02	4.37 3.44 3.01	3.80	3.14 3.16 4.12	
JUNE Total N		4.11 4.87 73.86	2.59 1.83 2.24	2.52 3.43 1.94	3.23	1.83 2.63	2.46	1.30 3.49 2.14	2.45 2.59 1.38	2.61 2.14 2.22	1.91 2.26 2.02	3.15	1.25 3.18 1.91	3.29	3.37	3.15 T I N U	2.34 2.83 2.83	2.85	1.95 2.88 3.45	3.52 D I S	3.78	4.30 4.32 3.81	3.02	3.45 3.93 4.20	
1,1		3.34	4.24 3.75 3.70	3.83	3.80		3.24	3.76	3.62 3.76 3.80	3.94	3.63	3.91	828	3.77	3.55 3.33 3.42	3.48 I S C O N	3.82 3.57 4.18	1,20 3.94 3.41	3.54	4.10	3.61 3.78 4.06	4.61 4.00 3.94	06.90	3.71 3.61 4.23	
MAY tal No		3.10 4 1.95 3 1.90 3	4 12. 18. 18.	2.82 3.19 3.19 3.19	2.90 3 4.07 3	3.79 4 3.55 4 4.59 3	4.25 th	114	1.79 3 3.44 3 4.08 3	8,96,93	4.15 3 2.96 4 4.06 4	6.23	2.48 2.19 3.45	3-43 1.76 3 1.51	2.34 2.59 3.59	2.23 3 D I 8	3.25 3 5.26 3 3.42 4	3.25 4 3.37 3 2.48 3	3.92	3-37 4	228	118	3.27 3.43 3.13 4	3.13 3 2.32 3 4.10 4	
Tor			2 2 3					000		m 2		ma							000		സ്ന്	E 4 E			
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CH Nor'l		5.17 5.41 6.76	5.30	5.58 5.53 4.91	5.48	5.60	5.24	5.16 4.87	5.10 4.99 4.78	4.31	4.07 4.69 4.32	4.32	5.23	4.72 5.13 5.17	5.08	09.4	4.68	4.17 4.41 4.61	3.98	5.05	4.20 4.41 4.23	4.83 4.41 4.54	3.87	3.38	
MAR		7.43 9.19 7.64	7.91 6.12 7.34	6.81	6.94 7.12 7.03	6.45 6.62 6.37	#5.81 7.63 #7.72	7.08 #6.80 7.83	6.92 7.78 6.33	6.15 #5.65 5.69	1.73 5.17 5.14	6.51	8.24 7.60 7.70	7.86	5.79	6.29	5.89 6.43 5.83	5.31	5.57 6.13 5.82	6.10	5.89 6.19 6.29	6.72 5.66 5.18	4.97 5.35 5.30	5.50 4.99 5.37	
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		5.34 5.19 4.23	5.02	5.26 5.35 4.80	5.00 5.28 5.07	4.52 4.77 3.84	14.92 14.92	99.4	4.88 4.75	3.73	3.57 3.60 3.76	3.70	4.55 5.01 4.53	4.79	07.4	90.4	4.32 3.71 3.89	3.73	4.00 3.68 3.69	3.95	4.04 4.13 4.16	4.68 4.05 3.53	3.51	3.34 2.79 3.93	
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	DIVISION OF WATER CONTROL PLANNING	
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S	KONNARG LOVES 1 TROUT 1	CEDAR	ELIZAB STONE : ROAN MC	BURBAN BAMPTO! WATAUG		MOUNTA PARKER JEFFERS	ODOMY I. HANNER CRANDFA	REESE MAST ZIONVI	TRADE, RICH M BOONE	HLOWIN	BIWASSE HIG SPR CLEVELA	CHARLE ATHENS NEW HET	OOUBLE ENGLEW HICKORI	CENTER PARKSV CONASAL	DOUBLE OCOEE SASSAFF	DUCKTO COPPERI COPPERI	FLAT THE	HLUE R STANLE NOONTO	DIAL P DIAL PI GRIZZLI	SUCHES	FARNER			SWEET SWEET ANTIOC	Interp
	732 310 311	29h 689 416	295 225 708	741 686 596	297 491 301A	301B 304 305	298	300 607 008	609 469 303	632	93 429 429A	98 428A C17	C19 C11 C5	66 651	690 100 101	501A 107 431	571 109 110	367 111 112	633 633A 720	115 120 638	575	300	125A 126	127 129 750	(#)
	BOLEVON R.V.P. (CONFL)	HOLFOON RIVER (CONTUD)  H.2 TVA 3100 11 1.9 3.4 3.6 4.8 4.8 4.8 5.3 2.8 4.1 1.4 3.3 3.2 4.0 7.4 4.3 1.9 3.6 2.8 2.8 2.8 2.5 1.1 3.1 0.3 3.3 32.3 44.8 1.0 0.000 11 1.9 3.4 3.5 2.8 4.1 1.4 3.7 3.24 6.06 4.44 3.97 3.80 8.98 4.99 3.60 4.14 1.99 2.76 2.18 2.34 1.5 2.8 2.4 2.6 1.3 3.10 0.3 3.3 31.0 42.7 42.7 1.0 1.0 1.9 2.7 2.18 2.3 1.0 4.27 0.33 3.10 42.7 42.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	ROLFOWN RIVER (CONTUD)   H-2 TTA 3100   11 1.99 3.46 3.46 4.49 5.39 2.89 4.10 7.4 4.3 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.49 1.99 3.4	STATE   STAT	STATE   STAT	Figure   F	TOTAL STATE	Section   Sect	Charles   Char	Figure 1   Figure 2   Figure 2	Expression   Fig. 18   F	Particular Friedrick   Particular Friedrick	Section 1477 (1977)   Section 1477 (1977)	Control of the cont	The control of the	The control of the co	The control of the			Column	Column   C	Column		Second Color   Seco	Column   C

21.0

17.4

28.53

### ANNUAL 1965 PRECIPITATION—In Inches

TENNESSEE VALLEY AUTHORITY

DIVISION OF WATER CONTROL PLANNING

Depth of Encw (Inches)

8.8

14.0

3.5

8.5

11.8

13.8

7.7

6.3

0.6

1 4 5		0 1 3	90	0 = 0	3.4	mar	000	0.00	a	1	8 6	010	5	0 814	35		<i>4</i> 0		262	5.0	31	. ლი	<i>2</i> 99	7	85238	
E A R	ш	99 54.10 96 53.71 25 59.04	8.88.8	05 59.70 33 74.61 12 62.02	07 68.44 74 50.71 5 43.6	78 62-53 68 49.82 20 53.17	86 56.22 57 59.62 70 65.87	.80 60.90 .59 64.16 .10 56.8	18 77.34 5 57.3	29 30 50.47 30 51.27	52 81 76	08 52.79 143 62.41 146 75.52	.93 80.35 .67 .10	11 58.00 75 54.23 11 57.61	.44 55.9 .84 .17	.67 .91 .30 62.00	34 57.94 98 55.70	1	36 59.1	6 85.25 1 83.1 15 50.50	444	.5 58.0 .20 60.03 .60 51.10	.61 58.04 .24 47.46 .97 53.46	55 59.77 93 73.57 91 74.30	91 72.3 75 61.1 88 63.8	
YE		8,1	43.6 49.6	202	58.0 41.1	1,30	44.8 44.8 44.8 5.22.8	#52.6 51.3	#68.78	1.8		\$4.5°	#72.	784	57.6	71.6	7.2	0	#51.6	68.66 #63.4 #38.35	48.17 #48.31 48.56	51.5 #51.6	47.6 4.8 4.8	8,8%	88 88 8	
DECEMBER tal Nor'l		4.64 4.64 5.17	6.03	5.42 6.83 6.10	6.43	5.06 4.16 4.23	5.32 4.59 5.71	5.26	6.72	4.38	6.9	4.55	5.80	4.23 4.82	5.37	6.10	19.4		5.28	7.29 6.8	5.00	5.1 5.08 4.58	5.01 4.40 4.50	4.94 6.78 6.21	6.40 5.39 6.13	
DECE		0.65	0.8	#0.42 0.93 0.70	44.0	0.67	0.51 0.76	#0.58 0.63 0.4	1.04	0.58	0.65 1.6 1.82	0.54 0.61 #0.80	#1.40 0.50 #0.52	0.47	1.34	1.43	0.49	0	0.50	1.07	0.35	0.6	0.55	0.49	0.55	
(BER Nor'l		3.48	3.68	4.05 5.95 4.11	5.33 3.18 3.2	4.17 3.04 3.51	3.36	4.50 4.50	3.6	00.4	4.09 7.1 5.85	4.16 4.57 6.10	6.30	3.89	4.15	17.4	4.15	9	4.27	6.77	3.75	4.6 4.31 3.34	3.76 2.88 3.52	4.05 5.30 5.53	5.37 4.16 4.43	
NOVEMBER Total Nor		2.87 3.16 3.88	3.5	3.25	3.08	3.65	3.38	3.38	3.2	3.28	3.38	3.35	4.60 3.30 #3.47	3.64	3.29	4.07 3.99 3.50	3.00	6 0	3.50	2.88	3.12 2.88 3.15	3.3	2.78 3.60 2.76	3.78	3.67	
BER Nor'1		3.00	3.7 4.26 2.81	2.87 3.60 3.14	3.10	4.04 2.56 3.97	3.02	3.49	5.25	2.60	2.65 4.8 3.94	2.93 2.87 3.40	3.60	2.99 2.83 2.89	2.73	2.92	2.92		3.02	4.84 5.3 2.49	2.67 2.43 2.89	3.32	3.05 2.76 3.10	3.62 4.77 5.21	2.96 2.96 2.87	
OCTOBER Total Nor		3.91	3.6	3.39	4.81 3.52 3.1	4.68 42.22 3.12	3.90 3.34 3.37	6.09 4.38 4.7	#7.52 4.7	0.91	0.89 4.1 #3.66	1.33 1.55 #1.90	#2.70 #1.90 1.51	#1.32 1.40 1.74	3.00	3.03 2.66 2.95	2.28	-	3.39	5.90 #5.7 2.51	2.30 3.07 3.30	4.5 4.33 3.15	3.74 2.92 3.35	5.28 9.85 17.52	3.97	
EPSER Nor'1		3.14 3.38 4.22	3.0 4.73 3.31	3.23 4.02 3.34	3.18	4.47 2.73 3.57	3.43 3.68 4.04	1.14	5.79	2.50	2.88 4.9 4.31	3.10	5.10	3.11 2.90 3.15	2.94	3.79	3.24		3.21	4.92 4.8 2.83	3.14 2.94 3.15	2.9 3.78 2.95	4.16 2.91 3.61	3.78	5.20 3.37 4.24	
HEPTE Total	)	2.66 2.42 2.42	1.92	6.45 6.45	4.90 3.06 2.6	3.28	4.01 3.26 5.16	5.93	4.12	1.53	5.95	2.71	5.40 #4.80 4.19	3.8 3.23 2.73	3.64	4.56 4.34 4.34	3.58		2.13	4.96 4.8 3.47	3.53	3.2 2.45	5.39	7.47 6.90 15.28	8.67 4.04 4.20	
ST Nor'l		4.37 4.29 4.53	3.0 6.07 4.22	4.69 5.64 4.91	4.97 3.93 3.3	5.47 4.16 3.87	4.42 5.32 5.65	5.02	6.74	3.61	4.30 5.1 5.92	4.50 5.20 5.70	04.9	4.89 4.77 5.12	4.62	11.4	4.78		11:4	7.55 6.1 4.17	3.90	4.5 5.24 4.16	5.56 4.31 4.41	4.96 5.98 6.84	7.04	
AUGUE Total h		4.83 2.03 1.70	1.5 3.44 1.96	4.30 4.53 5.03	3.56	2.50 4.06 3.05	3.01	4.96 5.34 5.8	5.46	6.18	6.91	3.53 4.23 #5.90	#7.10 #5.30 4.59	5.24 3.92 4.67	4.21 6.09 6.19	6.88	5.07	3	5.81	4.60 4.3 #2.01	3.23 4.39 4.19	4.9 4.62 4.25	2.47 2.32 4.34	7.45 6.84 6.02	6.82 6.26 6.39	
or'1		5.69 5.40 5.91	5.3 7.22 5.69	6.45	6.77 4.65	6.16 5.66 4.55	6.29 5.30 7.13	5.91	5.0	4.97	4.96 7.8 8.20	5.40 7.28 6.90	7.70	6.12 5.94 5.94	5.03	5.47	5.64	1	5.77	8.85 8.0 5.23	5.24 5.24 5.65	5.6 6.49 5.14	5.91 5.07 5.04	5.50 6.79 6.84	6.80 5.96	
JULY Total N		4.94 2.61 4.52	14.0 14.98 14.33	5.74 2.59 4.73	4.50 2.73 2.3	4.25 4.25 2.69	2.03	1.21 2.5% 2.0	5.84	3.29	8.65 7.1 8.29	5.39 7.21 #8.00	#8.10 #7.30 8.51	5.96 7.02 6.10	3.69	7.50 6.97 3.00	5.37		2.24	4.89 4.5 1.27	3.13	3.6 4.39 3.31	2.05 3.33 4.42	5.86 6.99 6.90	4.52 3.65 4.75	
Nor'l		4.31	3.3 4.85 4.44	4.75 5.77 5.00	5.58 4.25 3.9	5.09 4.40 4.07	4.20 4.21 5.17	4.85 5.22 4.4	3.8	3.75	3.74	5.36	6.70	4.60 4.51 4.81	10.4	18.	5.27		2.1.7	6.79	4.14	3.7 4.55 4.08	4.35 3.55 4.32	5.29	5.39 4.91 4.71	
JUNE Total Re		5.58 1 3.33 1 4.30 1	3.6	5.10 5.87 2.46	3.56	5.03 3.73 3.44	3.86 1 2.93 1 4.83	3.73	3.5	3.4.52	5.1	7.12	5.80 (	8.04 4.00 5.55	3.81 1.02 1.33	45.34 15.52 14.34	5.53		3.25	4.4	3.28	2.6 3.82 3.29	3.47	3.85	3.96	
Nor'1		3.81 3.72 4.03	3.7	3.81	3.85	4.41 3.15 3.54	3.52	3.96	5.22	3.79	4.13 5.1 5.27	3.76 3.67 4.90	5.30	4.27 4.27 4.18	7.62	20	4.15		.85	5.62	3.88	3.88 3.69	3.60	4.18 5.25 5.18	4.94 4.17 4.59	
MAY Total No		2.508	5.32	3.92	5.17 th.11 3.8	3.5%	6.39 3.20 3.50	4.19 3.83 2.8	5.3	2.93		3.89	7.30	4.76 L	3.24	8.15 9.76 3.41	7.75		96.5	5.84 5.2 4.97	32.54	5.01	5.40	4.86 6.57 6.68	7.54 1	
T. Nor'l 1		4.95 4.81 5.21	5.96	5.16 6.05 5.27	5-38 4.40 5.2	.28	5.39 5.84 5.44	5.88 5.73 6.3	6.80	04.4		4.21 5.20 7.19	7.40	4.97	02	96	5.13		5.07	6.83 7.2 4.20	4.16 3.87 4.79	5.3 4.69 4.06	4.38 3.79 4.63	5.21 5.90 6.58	6.20 5.33 5.20	
APRIL Total No		4.78 1 4.57 1 5.16	#5.50	5.39	3.78	3.44 1	4.71	3.71	#4.48 4.5	3.45	3.28 14.5 14.5 1	3.80	#4.67 7 #4.83 4.13	3.82 4.36 1.376 1.	3.62 1	3.33	3.66	1	3.25	4.72 6 4.3 3.22 4	3.82	4.5 4.25 1.25	1.29 th	4.82	3.57	
-		99.	5.6 7.12 #	6.71 8.19 6.47	7.81 5.55 5.2	6.44 5.13 5.85	6.13 7.65 6.72	6.75 7.10 5.7	76	5.71	5.83	5.65 8.55 10.13 #	10.33 #	12 25	05.	.26	6.21		6.40	8.60 9.1 5.91	6.36 6.88	4.7 6.66 5.99	6.20 4.94 5.98	6.66 8.05 7.27	7.52 # 6.97 7.33	
MARCE Total Nor		8.45 7.22 6 7.49 6	7.0 5 #8.19 7 9.13 6	8.53 6 10.28 8 9.38 6	9.79 7 6.44 5 5.9 5	7.98 6	#8.72 7	7.55 6 7.61 7 6.7 5	9.82 7. 7.2 6.	11.15 10.49 5		9.98 5 11.46 8 #13.36 10	23	9.91 6. 10.46 5. 11.67 6.	9.03 6 11.23 11.74	13.08	10.04 6		9.87 6	13.81 8 12.0 9 8.13 5	9.99 6 8.64 5 10.34 6	9.32 6 8.12 5	9.15 6	6.84 6 7.46 8 11.30 7	9.09 8.83 6.11.44	
-			.39						}	**	5.53 1 9.2 7.65 1		.20 #13. #12. 11.	1,43	1 1	175	63 1	1	.76			1.3				
FEBRUARY Total Nor		5.22 5	5.5 6 7.33 6 5.66 5	6.49 6	3.56 5	5.30 5 3.70 4 4.15 5	5.36 6 #3.67 5 3.62 6	7.10 5 6.05 6 5.9 6	8.84 6 5.4 6	3.26	3.52 5	3.40 5	6.66 8 5.45 4.24	25.55 7.50 7.50 7.50	5.23 5 6.50 7.17	6.23 6.04 7.00 6	5.05 5	`	4.93	5.9 9.53.46 5	4.57 5 3.69 5 4.24 6	4.5 7 4.11 5 #4.20 5	#3.59 th	6.28 5 6.93 6 10.88 6	9.49 6 5.33 6 6.51 6	
		5.27	6.63	6.27 8.27 6.45	7.24 5.07 4.0	5.88 4.72 4.38	5.13 5.92 6.75	5.54	7.45 8	5.4.7	5.72 7.4 8.07	5.40	7.52	5.91 5.31 5.79		7.17	5.76			8.80 6 7.0 5.43	5.67 to 6.30 to		5.69 4.59 5.32	5.86 6.72 6.66 10	6.34 9	
JANUARY Total Nor'l		#3.18 5. 3.79 5.	3.2 t- #3.49 6. 4.25 5-	4.48 6. 6.82 8. 5.31 6.	6.01 7. 2.82 5. 2.6 4.	3.24 5. 3.06 4. 3.38 4.	#3.11 5. 4.03 5. 4.68 6.	3.88 5.	6.45 7. 4.1 5.	3.71 3.69 4.16 5.	3.47 5. 7.0 7. 7.46 8.	3.87 5. 4.29 5. #5.91 7.	5.92 7.	3.77 5. 4.19 5.	4.33 6.31 5.91 6.74	6.45 6.34 5.63 7.	3.73 5.		#5.21 6.45 5.44 6.13	7.5 7.5	4.32 5. 3.78 5. 4.19 6.	5.4 5.1 #4.71 6.18 3.93 5.27	4.75 5. 4.02 4. 3.11 5.	3.39 5. 5.27 6. 5.72 6.	5.21 6. 6.56 7.	
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Tre of Record		333	31	30 31 57	28 28 28 28	31 31 10	23	31 24 24	31	61	31.3	31	9.40	350	35	25.00	26		8,82	30 26 78	7,7,7,7	77 18	₹%₹	255	333	at pres
Elev.		2090 1825 1900	1900 3300 1575	1575 2450 1840	4750 1920 1930	4780 1670 1960	1950 2000 3800	2230 2180 2200	3900	785 810 1000	980 5470 4980	960 1920 3820	- 0727 0777	1400	1960 2100 2840	14690 14650 2640	1310	000	2040 2520	6250 6250 1735	1830 1950 2100	2620 4600 1920	3330 2100 2320	3550 4080 4080	3520 2020 2950	Recorder at present
Owner	0	TVA TVA	TVA TVA TVA	TVA TVA USWB	TVA TVA TVA	TVA NPCO TVA	TVA USWB TVA	TVA TVA TVA	TVA	HECO	TVA TVA TVA	TVA TVA TVA	TVA TVA TVA	USDI ALCOA ALCOA	ALCOA TVA TVA	TVA TVA TVA	USDI	i i	TVA	TVA TVA TVA	NPCO USDI USDI	TVA TVA TVA	TVA USWB NPCO	MPCO TVA TVA	TVA NPCO NPCO	(R)
Index	M (CONT	17 17 17 10 10 00	7-1-E	54 B4 B4	11-12 11-12 11-13	### 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	10 pr pr 	444 4-8	27 27 Ex Ex	E-3 E-3 E-3	# M M	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	E-3 2-3	# # # 1 1 +	200 100 100 100 100 100 100 100 100 100	222 122 124 124 124 124 124 124 124 124	F -3	TANA DAM	7 C C C	1333	2000 111 2000	000 111 111 111 111 111 111 111 111 111	222	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 pr gr 6- 5- 5-	ted
	ASSEE DAM									ELOW FON		ec, ec,	M M M		NO. 1 R	NO. 3 R NO. 4 R		SOVE FON								nterpola
Name	SOVE BIN	0	ON STA R		010				RADTO	RIVER BI		K NO. 1	K NO. 3 R K NO. 4A R K NO. 5 R	OUSE	CREEK	REEK		R IVER A		MDTO				_		artly 1
Station Name and Location	BIVER ABOV	GAP	UP R EVAPORATION	E M	BALD R RIS RIS, RAD	BALD R	E, NEAR	GHTOWER	SCENE, R	TENNESSEE NEAR	LAINS RADIO	CITICO CREEK	ICO CREE ICO CREE ICO CREE	EEK D POWERE	NTEETLAH VTEETLAH	NTEETLAB NTEETLAB I GAP R	50 M	(4)	SEK R	DOME R DOME, R		RADIO UNIAIN R	TERBOUSE	M UNITAIN R AP R	DAM	ted or p
	BIWARSEE	HEMPTOWN GAP BLAIRSVILLE NO. CROESTOE	CHOESTOE, R NREE GAP R MURPHY EVAP	TOMOTLA BYATT CREEK R ANDREWS	TEYAHALEE BALD R YOUNG HARRIS YOUNG HARRIS, RADIO	BRASSTOWN BALD F ANDREWS DAM NYERS CHAPEL	BIAWASSEE HAYESVILLE, GLADE GAP R	LITTLE RIGHTOWER TITUS, RADIO	TRAY MOUNTAIN R MOUNTAIN SCENE,	LITTLE TER VONORE, NE MCGHEE KITTIE	TELLICO PLAINS BAW KNOB, RADIO BAW KNOB R	MINT NORTH CIT	NORTH CITICO CREEK NORTH CITICO CREEK NORTH CITICO CREEK	ABRAMS CREEK CALDERWOOD POWERROUSE CREOAH DAM	SANTEETLAB DAM LITTLE SANTEETLAB CREEK LITTLE SANTEETLAB CREEK	LITTLE SANTEETLAB C LITTLE SANTEETLAB C SANTEETLAB GAP R	TWENTYMILE FONTANA DAM	TIME IN	STECOAE NOLAND CREEK R	CLINGMANS DOME R CLINGMANS DOME, RADIO BRYSON CITY R	ELA, NEAR CHEROREE OCOMALURIT	BIG COVE, RADIO SPRUCE MOUNTAIN JACKS COVE	BALSAM CULLOWHEE THORPE POWERHOUSE	THORPE DAM LAUREL MOUNTAIN F HATWOOD GAP R	OWENS GAP NANTABALA NANTABALA DAM	Interpolated or partly interpolated
Sta. No.	col	131 HB 133 BI 570 CE	570A CE 135 NB 136 MR	138 TX 140 BH	362 TE	147 BF 144 AP 744 M	151 B1 796 BA 152 GI	153 LI 574 TI 574A TI	154 TF	783 VC 171 MC 173 KR	174 TE 179A BA 179 BA	175 MI 767 NO 767A NO	767B NO 767C NO 767O NO	668 AB 176 CA 178 CB	180 SA 778 LI 778A LI	7788 LI 778c LI 550 SA	660 TW 592 PO		182 ST 183 NO	184 CI 184A CI 185 BR	525 542 186 00	599 BI 187 SP 377 JA	24.9 BA 189 CU 564A TB	509 509 190 BA	191 OH 193 NA 594 NA	αI (#)
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H.	TENNESSEE VALLEY AUTHORITY	ITHORITY						∢	ANN ANN A	JAL 1965		PREC	IPITA	PRECIPITATION—In Inches	-In Inch	es				DIVIS	DIVISION O	OF WATER		CONTROL PLANNING	ŽZZ	24 <u>ს</u>
Sta.	Station Name	Index Owner	r Elev.	Tre of		JANUARY Total Nor'l	FEBRUARY Total Nor'l		MARCH Total Nor'l	Tot	AFRIL al Nor'l	MAT	Nor*1	JUNE Total Nor'l	JULY Total Nor'l	AUGUST Total Nor'l	F	SEPTEMBER	OCTC Total	OCTORER al Nor'l	NOVEMBER Total Nor'l	DECE	MBER Nor'l	TEAR Total Nor'l	Depth of Snow (Inches)	
	LITTLE TE	-	(a,		Н																					П
600 194 195	WALLACE GAP, RADIO NEEDMORE FAVEN MOUNTAIN R	F-3 TVA F-3 TVA F-3 TVA	3400 1830 4500	33.24	1 4.35	9 5.8 35 5.78 38 6.07	7.7 24.4 5.6	7.2 5.61 5.85	8.3 6.5 8.65 6.17 9.73 6.16	3.5 17 3.36 16 3.87	6.4 6 4.43 7 4.71	3.48 3.29	3.34	4.0 4.8 3.72 3.94 4.35 4.79	2.5 4.3 3.04 5.41 3.76 5.92	3.1 4.9 3.82 4.0	4.9 4.7 4.05 5.00 4.89 3.92	7 3.6 20 2.98 32 3.76	2.71	4.2 2.63 3.41	3.17 3.61 3.25 3.90	0.8 0.58 0 #0.65	5.2 4.61 5.20	46.9 61.1 46.33 52.56 #50.32 58.25	19.3	
196 198 586	FRANKLIN POWERBOUSE FRANKLIN CARTOOGECHATE CREEK	F-3 TVA F-3 TVA	2000	32 20 17 20 24	2 4.01 7 3.19 4 3.87	01 4.88 19 4.52 87 5.84	5.30 4.83 5.27	5.07	8.15 5.68 7.16 6.03 7.90 6.91	58 5.55 33 7.30 31 4.07	5 4.26 0 4.76 7 4.66	2.42	3.37	3.44 4.38 2.41 4.47 3.60 4.33	3.51 5.34 4.21 4.90 2.12 5.43	5.47 h.] 3.15 h.; 5.45 h.;	4.45 6.12 4.26 5.65 4.53 4.00	3.35	3.13	3.22	2.51 3.13 2.66 3.12 3.00 4.04	3 0.36 2 0.44 4 0.31	4.36 4.37 5.55	49.97 51.03 46.44 51.83 46.27 58.63	13.3	
197 199 200E	WAYAH BALD R OTTO DE COWEETA NO. 20	F-3 TVA F-3 TVA F-3 USFS	5350 2255 2420	55 55 11 12 13 14 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	1 6.60 1 3.65 1 5.62	60 7.78 65 5.27 62 7.31	5.20 #3.84 7.58	7.33 11 5.55 7.56	11.36 7.61 5.91 6.42 8.43 8.07	51 6.47 42 3.83 57 4.40	7 5.75 3 4.93 0 6.49	5.17 2.87 3.26	1,46 3.87 1,44	8.56 4.79 3.52 4.58 3.14 5.30	4.37 6.46 3.08 5.88 3.86 6.33	4.41 5.0 4.78 5.0 4.96 5.0	5.01 5.17 5.01 4.72 5.58 6.24	17 4.22 12 3.96 24 4.68	4.94 4.83 7.55	3.73	4.23 5.05 #2.69 3.88 3.30 5.03	5 1.36 8 #0.61 3 0.95	6.39 4.86 6.98	67.84 68.58 \$44.33 57.62 59.29 72.02	10.0	
200F 201A	OP COWEETA NO. 31 LA HIGHLANDS I HIGHLANDS, NEAR	F-3 USFS F-3 TVA F-3 USWB	3790 3790 3350	463	9 6.71 4 5.50 7 4.89	71 9.31 50 8.03 89 7.17	10.20 9.81 6.68	9.25 10 7.67 8 6.76 7	10.51 9.83 8.26 9.17 7.34 7.66	33 5.34 17 4.36 56 4.33	4 8.06 6 6.99 3 6.28	4.23 4.03 6.04	5.75	5.21 6.53 5.44 6.45 7.13 6.55	5.36 8.39 4.83 8.62 5.48 9.32	5.52 7. 7.68 6. 5.91 7.	7.12 7.50 6.98 5.76 7.51 8.79	50 6.28 76 6.77 79 4.93	11.59 10.99 8.26	5.86 5.40 5.06	4.02 6.60 3.08 6.26 2.91 5.16	0 1.45 6 #1.30 5 1.26	9.02 7.56 #	77.64 92.01 #71.04 85.44 69.02 79.13	17.0	
20t	CLATTON	F-4 USWB	1910	17 01	1 4.00	水.9 00	7.16	9 24.9	8.23 7.18	16.4 81	1 5.98	99* 1	4.55	6.52 4.88	3,48 6,48	3.41 6.08	91.9 80.	19.4 91	4.52	4.22	2.90 4.65	5 0.94	6.45	56.89 68.12	8.0	
642 642A 427	PRENCE BROAD RIVER 2 SEVIENVILLE 3A SEVIENVILLE 4 JONES COVE	F-3 TVA F-3 USWB F-3 TVA	900 930	74 00 00 00 00 00	7 3.51 0 #3.61 9 3.68	51 5.39 61 4.08 68 3.40	2.80 2.62	1.73 1.72 3.86	7.89 4.72 8.14 5.23 8.01 5.03	72 4.08 23 3.59 33 6.27	8 3.75 9 3.99 7 4.32	2.83 2.83	3.75 3.20 3.72	1.93 4.20 1.96 3.70 3.05 5.12	3.08 5.21 2.21 4.41 4.89 4.66	5.17 3.63 5.93 4.6	3.95 3.59 3.00 3.50 4.65 2.39	59 2.60 50 3.18 39 3.38	1.92	2.32	2.45 3.87 2.90 3.55 2.17 3.78	7 0.45 5 #0.43 8 0.42	4.10 4.13 3.36	39.68 48.59 #36.92 45.78 44.70 48.50	15.9	
399A 496 209	A PITTMAN CENTER R 5 PIGEON FORGE 7 CATLINBURG, NEAR	F-3 TVA F-3 TVA F-3 USWB	1310 1030 1460	13	3 2.73 5 3.61 0 3.45	73 3.06 61 4.78 45 5.05	3.00	3.83 8	8.10 4.51 8.94 4.95 9.45 5.64	3.71 95 4.50 14 5.17	1 3.53 0 3.39 7 4.60	3.58	3.12	3.51 5.30 2.73 4.11 2.70 5.17	5.08 5.21 2.24 4.98 2.96 6.53	3.97 5.0 3.32 3.0 2.19 5.0	5.56 1.71 3.98 2.73 5.29 2.80	71 2.67 73 2.92 30 3.04	1.92	2.76 2.42 3.05	2.23 3.18 2.49 3.27 2.53 3.74	8 0.15 7 0.29 4 0.27	3.33	39.49 46.06 38.17 46.45 42.25 55.54	16.0	
210 293 211	MT. LE CONTE 3 DOUGLAS DAM 1 DANDRIDGE	F-3 TVA F-3 TVA F-2 TVA	6350 928 1080	20 20 50 61	3.69	69 4.57	3.35	4.72 B	8.23 4.73 7.40 4.92	73 4.59 73 4.59 72 4.67	6 6.10 9 3.25 7 3.50	3.08	6.13 3.33 3.18	1.65 7.04 2.91 3.37 2.51 3.42	6.51 9.61 2.55 4.42 3.92 4.58	6.13 7.6 3.15 3.0 4.74 3.1	7.64 3.91 3.01 3.06 3.47 3.10	31 5.11 36 2.59 10 2.45	1.74	3.90 2.23 2.39	4.60 4.76 2.46 3.37 2.39 3.19	5 0.99 7 0.33 9 #0.38	5.29 3.96 3.73 #	39.13 43.55 #40.24 43.83	15.1	
212 213 214	WHITE PINE HULLS GAP LICK CREEK R	F-2 TVA F-2 TVA G-2 TVA	1165 1060 1175	303	1 3.00 1 3.48 0 2.34	00 4.15 48 4.33 34 3.92	2.49 2.86 2.57	4.38 3.87	6.88 4.40 7.06 4.84 5.90 4.17	10 #3.63 34 4.17 17 4.17	3 3.31 7 3.41 7 2.86	#2.72 1.46 1.78	3.09 3.13 3.14	2.53 3.48 2.06 4.00 2.01 3.04	2.55 4.36 7.41 4.94 5.36 4.54	3.88 3.1 3.96 3.1	3.48 2.06 3.55 2.22 3.30 3.20	22 2.56	2.42	2.29 2.27 2.23	2.38 3.00 2.46 3.35 2.12 2.73	0 #0.33 5 0.39 3 0.39	3.80	#34.44 41.74 39.95 44.62 36.17 39.32	15.0	
215 216 661	JEAROLDSTOWN LITTLE CHUCKY NOLICHUCKY DAM	G-2 TVA G-2 TVA G-2 TVA	1470 1350 1220	222	#3.85 1 #3.08 1 2.76	85 4.25 08 4.03 76 4.04	3.25 1.78 2.15	4.28 6.19 7 4.19 7	6.79 4.75 7.03 4.55 6.91 4.81	75 4.91 55 4.25 31 3.68	1 3.34 5 3.43 8 3.15	1.96	3.53	1.96 3.74 3.87 3.77 2.45 3.64	6.73 4.95 6.62 4.78 7.20 4.92	2.98 3.6 3.68 3. 4.91 3.6	3.88 2.46 3.38 2.44 3.64 2.82	2.49 44 2.68 32 2.80	2.85 2.90 2.39	2.37 2.38 2.48	2.26 3.18 2.30 3.01 2.61 2.88	8 0.38 1 0.34 8 0.25	3.63 #	#43.62 44.39 #40.25 42.91 39.59 43.13	20.2	
217 218 218 219	GREENEVILLE, NEAR CAMP CREEK BALD R LIMESTONE	G-2 USWB G-2 TVA G-2 TVA	1320 1450	20 33 31 31	3 2.74 1 4.01 1 2.83	74 3.76 01 5.41 83 3.74	1.93 3.93 2.51	3.90 6 5.37 8 3.73 9	6.49 4.44 8.83 5.98 5.48 4.21	14 14.40 38 5.59 21 4.52	0 3.13 9 4.64 2 3.32	1.35 2.12 2.00	3.28	3.63 3.60 3.23 5.48 #4.69 3.67	6.16 5.02 6.96 7.21 6.12 5.14	3.82 3.81 5.88 3.93	3.59 3.45 5.18 4.83 3.71 2.00	3.05 33 4.10 30 2.66	2.20	2.45 3.68 2.25	2.24 2.82 2.43 4.12 1.79 2.75	2 0.30 2 0.53 5 0.29	3.21	38.71 42.25 50.48 60.34 #37.47 41.58	22.5	
730	CENTERSVILLE DEMBREEVILLE LERWIN	G-2 TVA G-2 TVA G-2 TVA	1650 1580 1750	50 113 50 38	3 3.07 0 3.45 8 2.65	07 4.51 45 3.79 65 3.80	3.13 2.56 2.33	4.89 7 4.17 6 4.09 5	7.03 5.37 6.38 4.64 5.81 4.82	37 4.08 54 5.56 32 6.20	8 4.13 6 3.65 0 3.61	3.83 2.48 3.00	3.78	#3.98 3.82 #3.98 3.82 2.52 4.02	5.91 4.84 5.50 6.09 5.78 6.14	2.63 h.2 2.38 h.3	3.65 2.33 4.20 2.65 4.19 2.04	33 2.31 55 3.21 04 3.22	#2.70 2.45 2.45	2.72 2.72 2.64	2.26 3.48 1.76 3.06 1.48 3.00	3 0.34 0 0.32 0 0.44	3.38	#43.81 47.73 #39.72 46.64 37.08 46.94	18.9 26.8 25.9	
753 643 659	UNICOI 3 LIMESTONE COVE 9 POPLAR	G-2 USWB G-2 TVA G-2 TVA	2021 2365 2000	20 20	9 3.31 1 3.15 0 3.38	31 4.26 15 4.96 38 4.01	#3.93 2.99 2.30	4.70 6 4.61 6 4.11 7	6.71 4.89 6.31 5.21 7.15 4.74	39 5.29 21 5.46 74 4.65	9 4.28 6 4.31 5 3.59	2.20 2.86 3.31	4.50 4.42 3.98	3.67 4.39 4.27 4.54 5.12 4.27	5.66 5.52 6.71 6.81 3.38 5.58	#2.50 h.0 2.62 5.5	4.68 2.03 5.24 3.09 4.60 3.56	33 3.59 39 3.29 36 3.32	2.17 2.52 2.76	3.14 3.20 2.49	1.87 3.41 1.96 3.59 2.14 3.30	0.07	3.63 #	#39.41 50.99 42.46 53.97 39.35 47.36	30.0	
223 226 226	FLAT TOP MOUNTAIN  BEAUTY SPOT R  CANE RIVER	G-2 TVA G-2 TVA G-3 TVA	2880 4210 2540	200	3.62	62 4.59 33 4.41 97 3.84	2.87 3.10 #2.81	4.66 14.41 14.03	7.10 5.28 7.12 4.80 6.16 4.57	80 4.66 14.54 57 4.48	6 4.12 8 3.43	3.77	3.91 3.97 3.40	4.83 4.69 4.33 4.27 4.39 3.44	5.46 6.10 2.06 6.02 3.28 4.71	2.34 4.3 3.08 4.3	5.18 3.33 4.44 3.05 4.13 3.43	33 3.29 35 3.38 43 3.07	3.16	2.98 2.99 2.54	2.54 3.57 1.99 3.57 2.36 2.89	7 0.36 7 0.61 9 0.32	3.66	42.65 52.14 #39.86 49.92 #40.44 43.03	34.8	
227 228 733	MCKINNEX GAP  S COXCOMB MOUNTAIN R  CLINDMANS PEAK	G-3 TVA G-3 TVA G-3 USWB	3960 1,350 6525	2000	1 #3.06 5.04	99 6.50 06 3.85 04 5.05	5.50 #1.89 5.27	6.62 10 4.02 7 6.33 9	10.58 7.28 7.73 4.83 9.22 6.44	28 5.70 33 5.85 44 5.26	5 3.78 6 6.12	5.26 11.61 6.85	4.53 3.75 5.68	3.64 4.65 3.19 4.02 6.37 6.25	5.13 6.26 5.74 5.04 5.62 6.06	1.98 h.	4.74 3.96 4.62 4.36 6.81 #5.00	3.75 36 3.59 30 5.78	4.71 2.48 #9.25	3.31	3.13 4.59 1.72 3.25 #2.50 4.35	91°0 6 91°0 6 2 #0°00	5.13	56.22 62.47 #53.69 47.30 #68.11 69.58	52.0	
229 231 402	9 DAYBOOK 1 ROAN BIGH KNOB R 2 HAKERSVILLE	0-3 TVA 0-2 TVA 0-2 TVA	2330 6120 2600	20 31	1 2.29 1 4.89 7 2.36	29 3.70 89 4.65 36 3.33	2.46	3.46	#5.74 4.09 #7.92 5.34 6.10 4.22	34 \$1.15 34 5.78 22 4.09	3.10 8 4.52 9 3.46	2.82 5.22 3.61	3.17	2.89 3.16 4.62 5.24 2.62 3.84	2.89 h.35 7.63 6.80 h.33 h.64	1.52 2.36 2.55	3.99 2.01 5.02 6.09 4.29 4.69	3.18 3.4.27 59 3.34	1.87	2.23 3.43 2.35	1.15 2.62 2.53 3.97 1.87 2.73	2 0.19 7 0.91 3 0.30	3.69	#29.98 39.74 #57.56 56.57 37.72 42.73	23.5	
232 622 233A	CELO REAR CELO, NEAR 3A MT. MITCHELL R	G-3 TVA G-3 USWB G-3 TVA	2750 2700 6620	23	1 3.12 3 3.27 1 5.31	12 4.66 27 5.05 31 5.93	5.21 5.46 8.32	1.60 #7 1.96 #7 6.27 9	#7.14 5.62 7.36 6.03 9.85 6.88	52 4.25 03 4.86 88 6.47	15 4.37 16 4.51 17 5.93	3.59 5.37 5.70	3.95	3.63 3.77 3.55 4.22 5.08 5.66	1.72 5.33 2.60 5.25 5.77 7.66	7.04 5.56 6.92	5.36 3.13 5.61 4.34 8.06 5.11	13 4.10 34 4.51 11 6.28	4.69 5.63 9.37	3.33 3.61 5.94	1.36 3.54 1.44 3.66 2.52 5.23	4 0.41 5 0.39 3 0.96	4.13 4.43 5.62	#45.29 52.76 49.83 56.02 71.38 74.34	21.0	
234 623 235	4 SNOW CREEK 3 SPRUCE PINE 5 LITTLE SWITZERLAND R	G-3 TVA G-3 TVA G-3 TVA	2765 2875 3560	55 31 75 23 50 31	2.32 3 2.90 1 2.88	32 3.57 90 4.06 88 4.83	3.37 5.27 5.92	3.67	6.46 4.52 6.64 5.10 6.95 5.70	52 3.80 10 3.53 70 4.13	10 3.36 13 3.74 13 4.66	5.02 4.13 #3.12	3.28	3.59 3.89 3.91 3.78 4.72 4.15	3.10 5.13 5.04 4.76 3.47 5.96	3.78	4.26 3.15 5.22 4.05 6.31 4.94	15 3.65 05 4.77 94 4.89	2.81 4.92 6.82	2.56 3.15 3.96	1.66 2.80 1.35 3.64 1.57 4.00	0.19	3.19	40.07 43.88 45.78 49.02 448.20 57.19	20.0	
729 236 237	9 GILLESPIE GAP 6 ALTAPASS 7 PLUMINEE	G-3 USWB G-3 TVA G-2 TVA	3 2825 2760 2900	2000	3 2.61 2 2.93 1 2.78	61 3.90 93 4.14 78 4.31	5.73 5.29 3.73	3.78	6.83 5.58 6.19 5.11 5.73 5.00	58 4.35 11 3.93 30 3.74	5 5.18 13 4.37 14 4.36	2.64	4.08 3.69 3.78	5.31 4.20 5.12 3.64 4.01 3.95	6.84 4.95 4.84 4.76 3.05 5.25	2.32 3.36 2.49	4.89 5.98 4.80 5.91 5.07 5.42	3.91 3.91 42 3.81	7.67	4.22 3.14 3.10	1.42 3.49 1.38 3.65 1.62 3.57	0.36	3.60	51.96 54.19 49.06 48.53 42.94 50.03	16.3	
238 241 241A	B SWOKY GAP 1 NEWPORT 1A NEWPORT	F-3 USWB	3680 3680 1080 1050	30 30 30 75 23 23	1 3.33 3.95 3.95	30 3.91 95 4.20 54 4.20	#2.78 2.25 2.48	3.88 #1	#4.70 4.40 7.10 4.57 7.18 4.73	40 4.96 57 4.70 73 5.09	6 3.85 0 3.61 9 3.40	3.79 4.51 3.32	4.09 3.60 3.54	2.81 4.45 4.81 3.88 5.07 3.67	2.70 5.44 5.64 5.13 5.23 4.93	3.59 4.6 3.49 4.6 3.14 3.	1.99 #3.00 14.02 2.06 3.71 1.88	3.61 3.61 38 2.71	4.76 2.33 2.85	2.55	2.03 2.77 2.00 2.97	5 0.38 7 0.40 7 0.26	3.15 #	#38.15 47.82 43.27 44.77 42.04 44.08	30.0 16.2 15.6	
538 243 244	8 COSBY NO. 4 3 EARTFORD 4 HATERVILLE	F-3 USDI F-3 TVA F-3 USWB	1720 1260 3 1440	25 50 31 40 35		4.69 4.96 4.26 4.19 3.10 4.13	3.96 #3.20 3.13	5.21 4.24 1.29	9.00 5.70 10.16 4.71 7.11 4.68	70 4.65 71 4.09 58 3.52	5 4.48 9 3.79 2 3.88	4.15 3.57 4.70	4.35 3.85 3.56	4.75 4.87 5.25 4.63 3.34 4.70	5.13 6.80 6.39 6.09 7.36 6.24	3.56	5.43 3.17 4.97 2.99 4.85 3.71	17 3.15 39 2.69 71 2.92	2.79	20.00	2.34 3.86 1.93 3.05 1.60 2.78	5 0.45 5 0.52 8 0.34	3.54	49.27 56.03 447.86 48.29 42.02 48.04	31.6	
245 656 407	MT. STERLING CATALOGCHEE CATALOGCHEE RANCH	F-3 TVA F-3 USDI F-3 TVA	2915 1 2590 4,800	288		3.64 4.74 3.88 5.09 6.77 6.38	2.62 3.46 7.08	4.84 4.77 6.33	8.23 5.64 7.66 5.73 9.63 7.31	54 3.90 73 3.82 31 3.96	10 4.27 12 3.98 16 4.85	6.17 5.63 5.65	3.91 3.53 4.18	2.37 4.53 2.78 3.89 3.26 5.18	6.57 6.78 2.45 5.85 6.51 6.70	3.85 6.13 6.52	5.23 2.92 4.44 2.23 5.19 3.60	3.35	2.71	2.54	2.51 3.53 2.23 3.36 3.54 4.32	3 0.59 5 0.41 2 0.77	3.92 3.98 5.31	46.08 53.61 43.30 50.28 60.87 62.94	14.0 33.0 53.7	
247 248 250	1	G-3 USWB F-3 TVA G-3 TVA	3 2675 3280 4300	75 72 80 31 80 31	2 #3.19 11 4.10	19 4.65 10 6.01 01 3.24	2.55 2.59 4.59	4.32 5.94 3.11	8.73 4.95 9.84 6.40 6.89 3.97	95 3.09 40 4.19 97 3.49	3.58	1.13 5.32 1.148	3.51 4.06 2.57	1.92 3.41 4.67 4.24 2.76 3.10	2.38 5.01 4.81 5.77 1.24 4.76	3.23 4.0 3.69 4.0	4.02 4.34 4.04 3.04 4.07 2.53	34 2.74	2.40 3.14 2.14	2.86 2.91 2.55	2.15 2.88 3.53 3.81 1.25 2.41	3 0.46 1 0.61 1 0.25	3.99 # 4.98 2.62	#38.57 45.92 50.53 55.97 32.39 38.17	24.2	
*	) Interpolated or partly interpolated	terpolated (R)	Recorder	t a	present																					$\neg$

TYPERILUNY MARCH  1. TORAL NOT'L TOLAL NOT	TENNESSEE VALLEY AUTHORITY	EY AUTH	HORITY							ZZ	A	8	PRECIPITATION—In Inches	I I		드	ches				á	NOISINIO	OF WATER	VIER CC	CONTROL P	PLANNING
1	Btation Name and Location Index	Index		Owner	Elev.	Yrs of Record	JANUARY Total Nor	ĕ		× I	or'1	or:	C		岁 1	Total	or'1	in I	E	1 Tot		à l		à l		
	PRENCE BROAD RIVER (CONT'O)  CANTON  CANTON  O-3  CANTON  O-3  O-3	900		CP&LCO CP&LCO	2700	35.9							3.96			}									11	
Color   Colo	R ORK PICEON ORK, RADIO	200		TVA TVA TVA	5160 3410 3120	23 33 19				1			7.14													
Color	SUMBLEST, RADIO 0-3 WOLF CREEK 0-3 BOT STRINGS 0-3	0-3		CP&FCO TVA USWB	3100 1200 1335	04 K 09	ŀ		I	1			5.0		1								1			
	BOT SPRINGS ATRWAYS  MAX PATCB MOUNTAIN R  G-3  MAPLE SPRING GAP  G-3	000		USMB TVA TVA	1480 4285 3790	25 14			1				4.46 5.98												1	
	TUO FORK CODY STORE CANAS GAP, RADIO G	999	m m m	TVA TVA TVA	2850 2550 3760	31 18															ļ				1	
	MARSHALL  IVT  BARNARDSVILLE  G.	666	က္ခက္	USWB TVA TVA	2040 2150 2250	67 31 31							3.24 4.53 2.89												L .	
The color   The	25	000	999	TVA TVA TVA	2220 2170 2030	20 31 13							4.13						1			1		1	1	
The color of the	ASECTALE R BEFTREE DAM REFTREE DAM R		0-3	USWB TVA TVA	2540 2540 2540	90 14							4.07 6.87 7.56												1	
The color of the	CRAGGY KNOB R SWANNANOA, NEAR NORTH FORK NO. 2		G-3 0-3	TVA USWB USWB	4970 2260 2520	15 35 23							4.73 5.61 7.26						ţ		1				1	
The color of the	NORTH FORK R BLACK MOUNTAIN ENKA		6 0 0 6 0 0	TVA USWB	2765 2400 2050	16 35 35				ŀ			6.19 7.46 3.18											1		
The color of the	ROCKTFACE MOUNTAIN BENT CREEK ASEEVILLE AIRPORT R		6-3	TVA USFS USWB	3100 2100 2140	32							3.33													
The color   Fig.   Color   C	A & B AIRPORT GARREN CREEK BLUE RIDGE POST OFFICE R		0 0 0 0 -0	TVA TVA TVA	2090 2620 2270	330							3.20 3.72 6.04													
The color   The	RENDERSONVILLE BENDERSONVILLE RUSB MOUNTAIN		0-3	USWB TVA TVA	2080 2210 2950	69 18	1 1																			
TYA         2795         1         3.95         6.84         9.26         6.84         9.26         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         9.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.84         6.85         6.85         6.84         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.85         6.8	PINK BEDS R FLETCHER, NEAR MILLS RIVER R		0-3	TVA NC TVA	3285 2070 2150	30							3.543													
TWA 2230 Se 6.85 9.46 6.10 6.10 6.10 6.25 6.25 6.25 6.25 6.25 6.25 6.25 6.25	BUCK FOREST CEDAR MOUNTAIN R CAESARS READ		0-3	TVA TVA USWB	2515 2750 3115	708							5.88 6.65 3.93													
Tr.A.         2330         31         4.23         7.03         9.46         7.04         7.13         7.03         4.25         7.03         9.46         7.03         7.04         8.03         6.04         4.03         6.04         6.03         6.04         9.16         6.03         6.03         6.04         7.04         6.03         9.04         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         6.04         9.16         9.16         9.16         9.16	PISCAB FOREST CLOUCESTER GAP R EREVARD		0 0 0 0 0 0	USWB TVA USWB	2150 3120 2120	9000							48.4 6.78 1.4.4													
Table   1986   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   189   1	ROSMAN NO. 2 ROSMAN R SASSAFRAS MOUNTAIN		6-5-3 6-5-3	TVA TVA TVA	2230 3440	33	i			1		1	5.84 3.70													
TATA 359 27 1.65 5.46 6.77 5.20 6.57 5.48 6.43 4.76 3.00 4.20 4.21 1.01 4.22 1.25 4.25 3.27 3.25 3.25 4.39 1.03 2.37 1.28 4.39 1.33 4.39 4.39 52.47 TATA 259 2.70 4.29 5.20 4.29 1.20 4.20 1.20 4.20 1.20 4.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1	QUEBEC R LAKE TOLAWAI		6-3	TVA USWB	2920 3080	20							4.20 4.67					i			1	1 1				
TATA 62% ST 5.29 5.78 6.01 5.20 6.05 6.03 6.05 6.03 6.05 6.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	UNCLASSIFIED STATIONS JACKSON SUBSTA MARRIN SUBSTA MEMPHES AP R		A-2	TVA TVA USWB	359 385 263	27.29							3.00					1					1			
TAY 5.0 18 6.45 5.71 6.53 6.70 6.53 6.70 6.53 6.70 6.53 6.70 6.70 6.70 6.70 6.70 6.70 6.70 6.70	TUPELO SUBSTA SOUTH MASHVILLE SUBSTA BOWLING GREEN SUBSTA		A-4 C-2 C-1	TVA TVA TVA	256 425 470	883				l .			3.71													
TWA 419 6 3.99 2.67 3.83 3.96 7.63 7.00 3.53 3.08 1.62 3.08 4.19 4.60 2.69 3.57 1.37 3.77 5.09 3.84 2.41 1.61 2.29 3.27 0.88 2.98 39.52	SUMMER SHADE SUBSTA GALLATIN STEAM PLANT WOODBURY		0-5 0-5	TVA TVA USWB	530	13							2.56 3.42 8.89													
	PARADISE STEAM PLANT R		C-1	TVA	419	9							1.62						5.09 3		1.		.27 0.	C)		
		١																								

ANNUAL 1965 PRECIPITATION—In Inches

Figures in the "mean or normal" column in the tabulation on pages 17 to 25 are determined as follows: For the U. S. Weather Bureau stations, the figures are normals based on the 30-year period 1931-1960, computed by the Weather Bureau. For TVA and other agency stations with 18 or more years of record through 1964, the figures are long-term means adjusted to the 30-year period 1935-1964. For stations with 5 to 17 years of record in 1964, the figures are running averages for the period of record. No means are listed for records of less than 5 complete years.



